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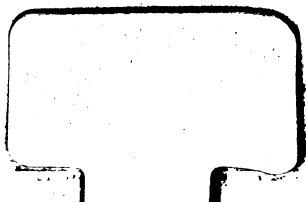
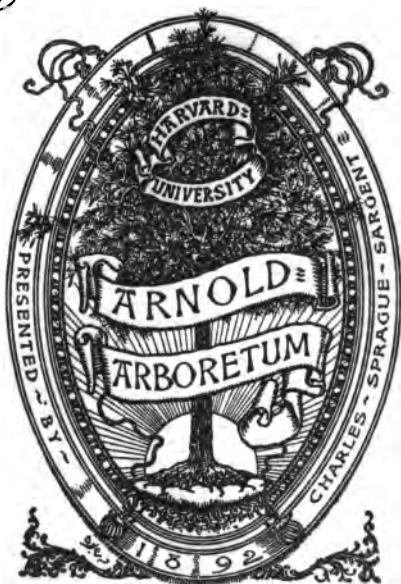
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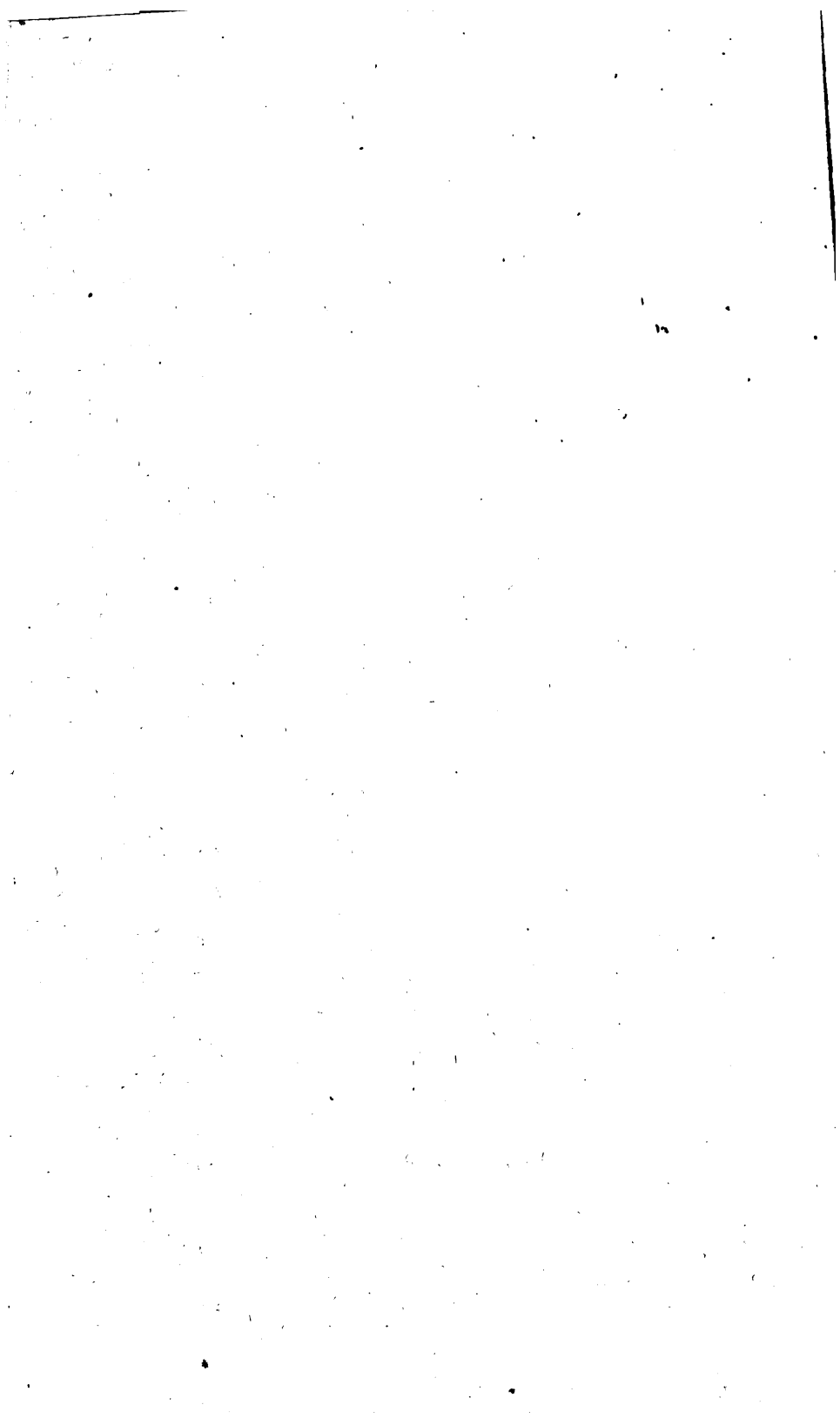
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Pa
L92a
1838

JP







**ARBORETUM ET FRUTICETUM
BRITANNICUM;**

OR,

THE TREES AND SHRUBS OF BRITAIN,
Native and foreign, Hardy and Half-Hardy,
PICTORIALLY AND BOTANICALLY DELINEATED,
AND SCIENTIFICALLY AND POPULARLY DESCRIBED;

WITH

THEIR PROPAGATION, CULTURE, MANAGEMENT,
AND USES IN THE ARTS, IN USEFUL AND ORNAMENTAL PLANTATIONS, AND IN
LANDSCAPE-GARDENING;

PRECEDED BY A

HISTORICAL AND GEOGRAPHICAL OUTLINE
OF THE TREES AND SHRUBS OF TEMPERATE CLIMATES
THROUGHOUT THE WORLD.

By J. C. LOUDON, F.L. & H.S., &c.

AUTHOR OF THE ENCYCLOPÆDIAS OF GARDENING AND OF AGRICULTURE,
AND CONDUCTOR OF THE GARDENER'S MAGAZINE.

IN EIGHT VOLUMES :

FOUR OF LETTERPRESS, ILLUSTRATED BY ABOVE 2500 ENGRAVINGS;
AND FOUR OF OCTAVO AND QUARTO PLATES.

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VOL. V.

THE PLATES FROM *MAGNOLIA'CEÆ* TO *LEGUMINO'SÆ* INCLUSIVE.

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1838.

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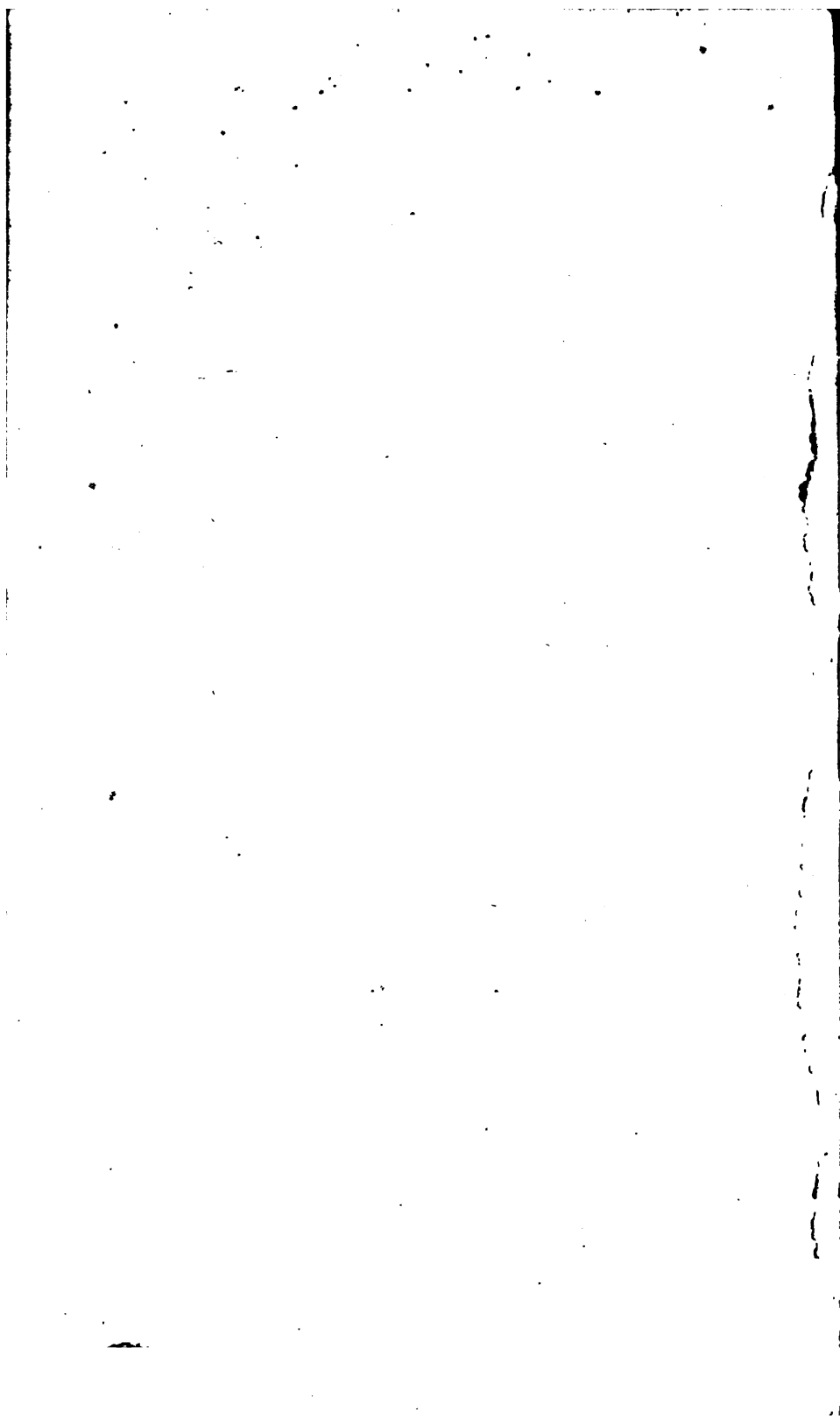
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XXI. A.  
*Acacia dealbata*.  
The whitened Acacia.

71.



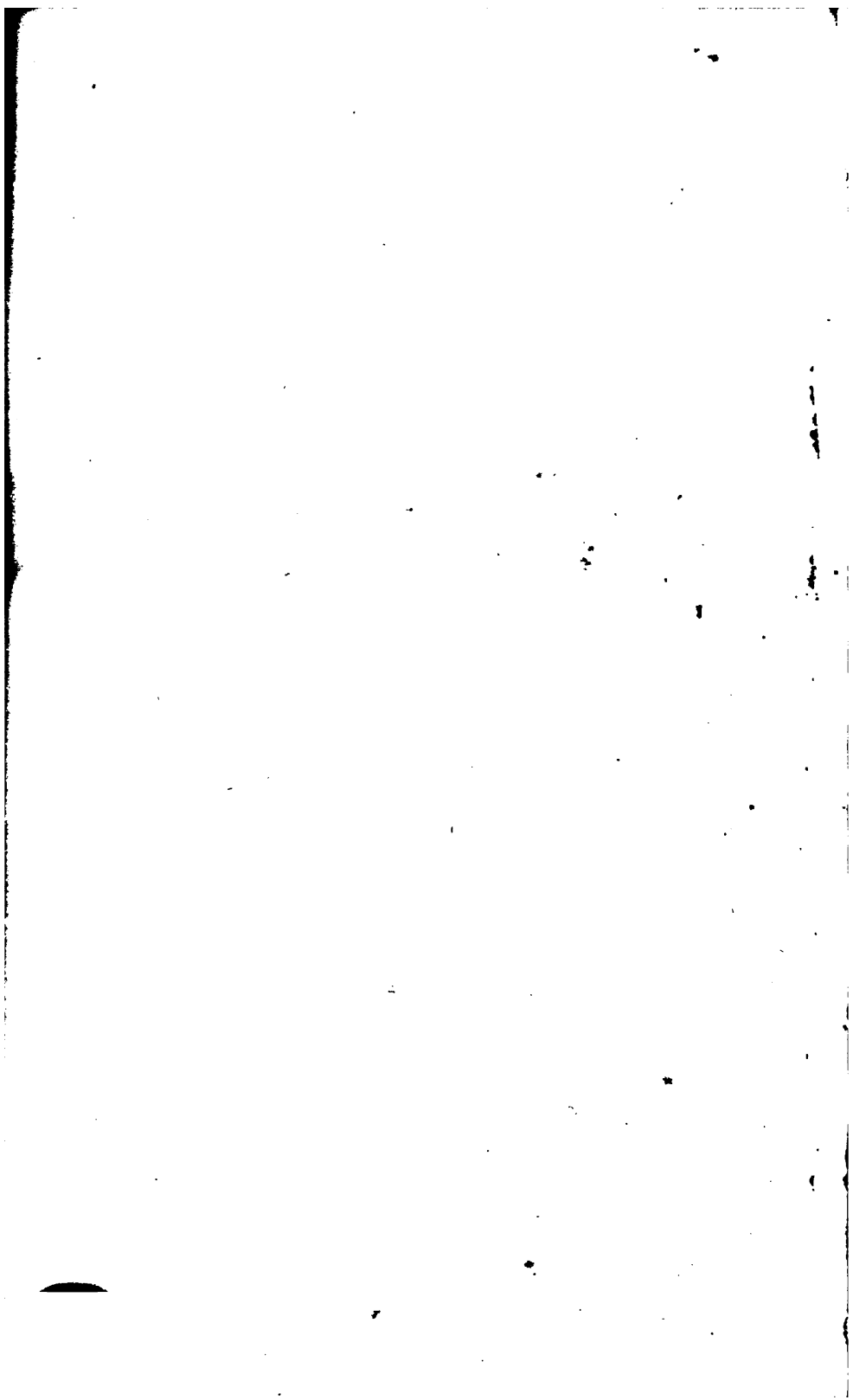
From a drawing by Zuccary, Lox & Hedges.





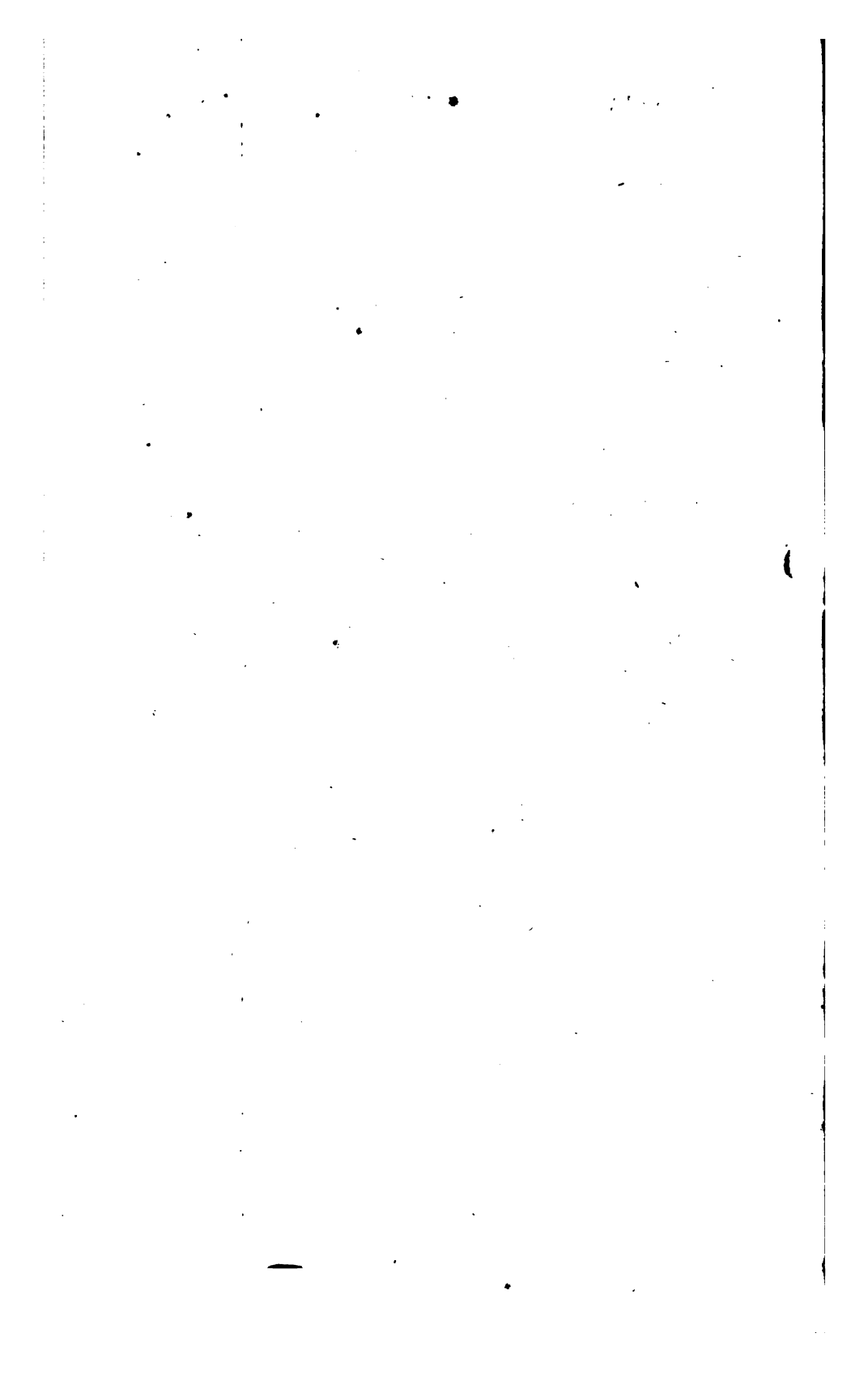
*Acer campéstre.*  
The common, or field, Maple.





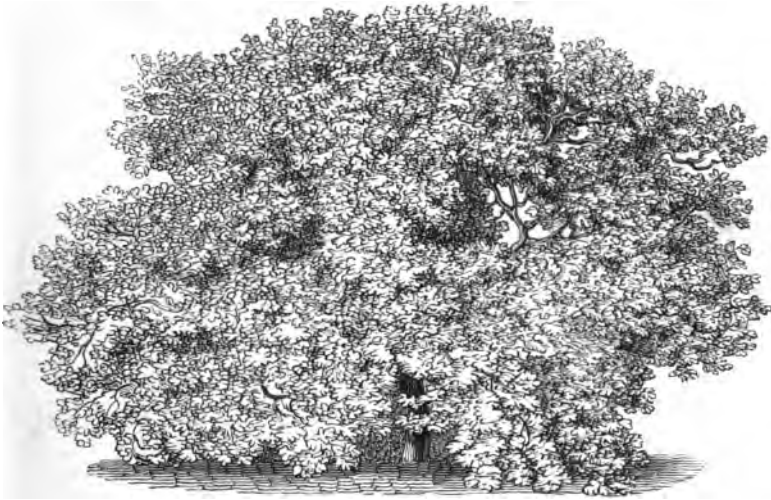


ft.



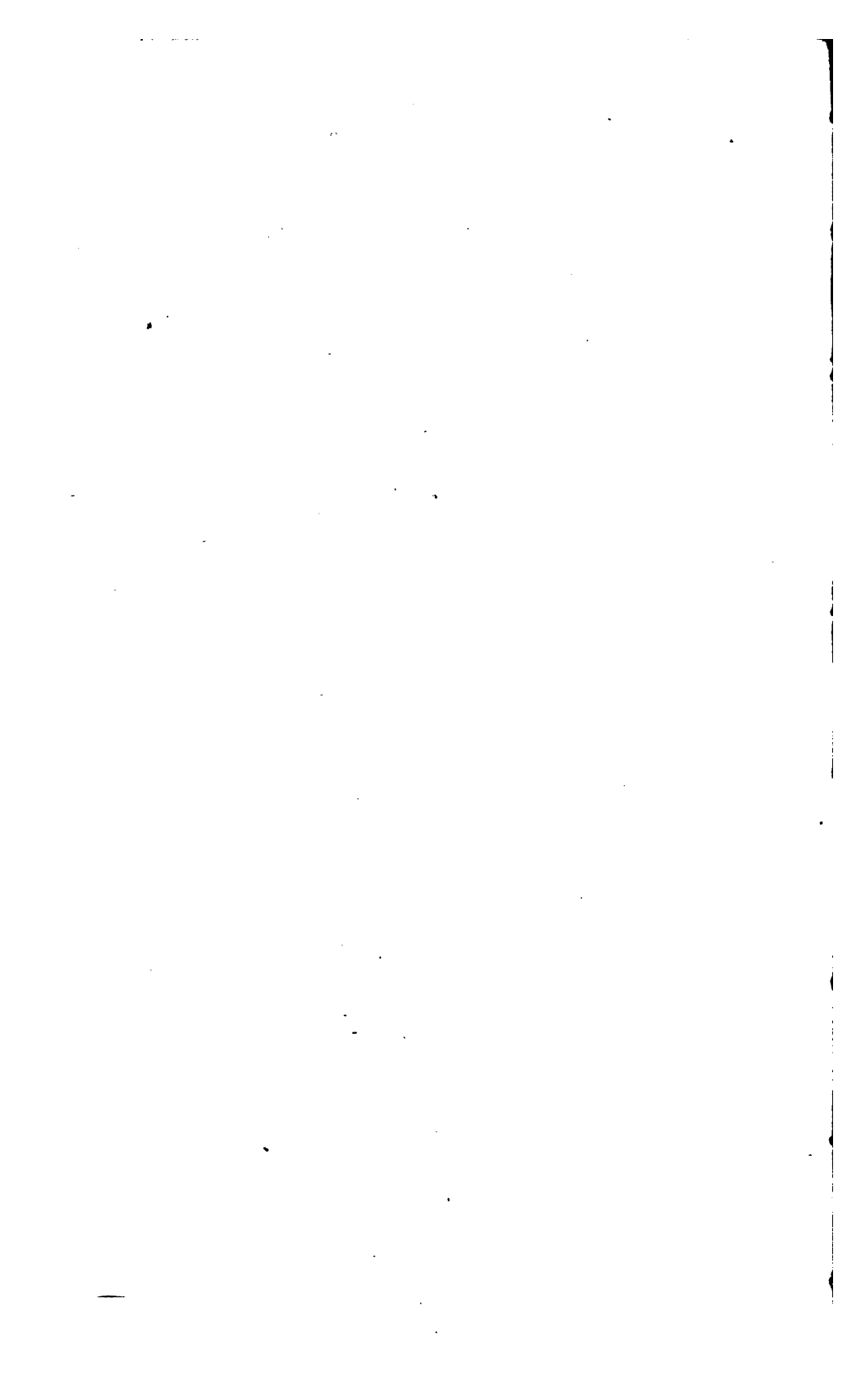
*Àcer créticum.*

The Cretan Maple.



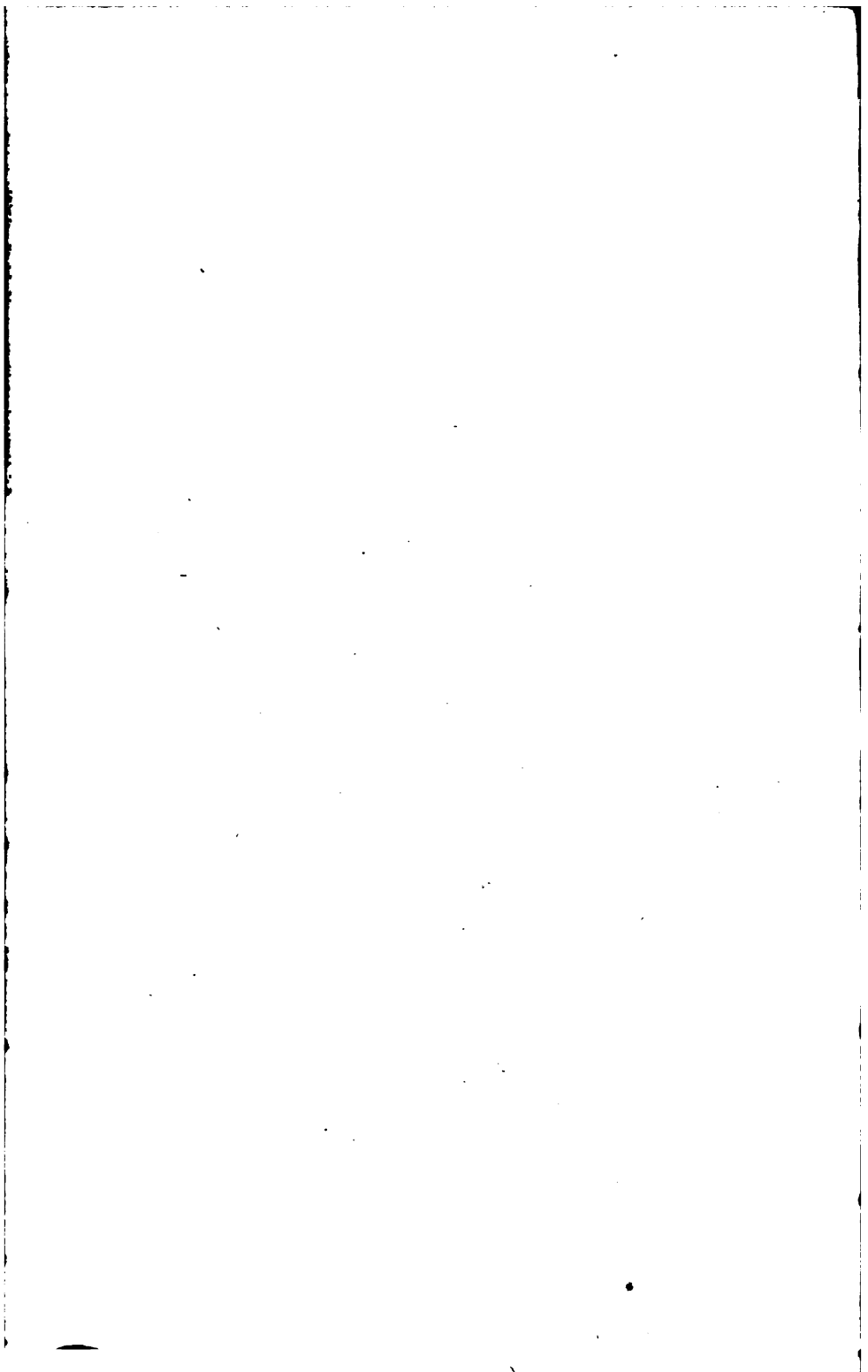
Full grown tree at Syon, 28 ft. high; diam. of the trunk, 2½ ft. and of the head, 48 ft.  
[Scale 1 in. to 12 ft.]





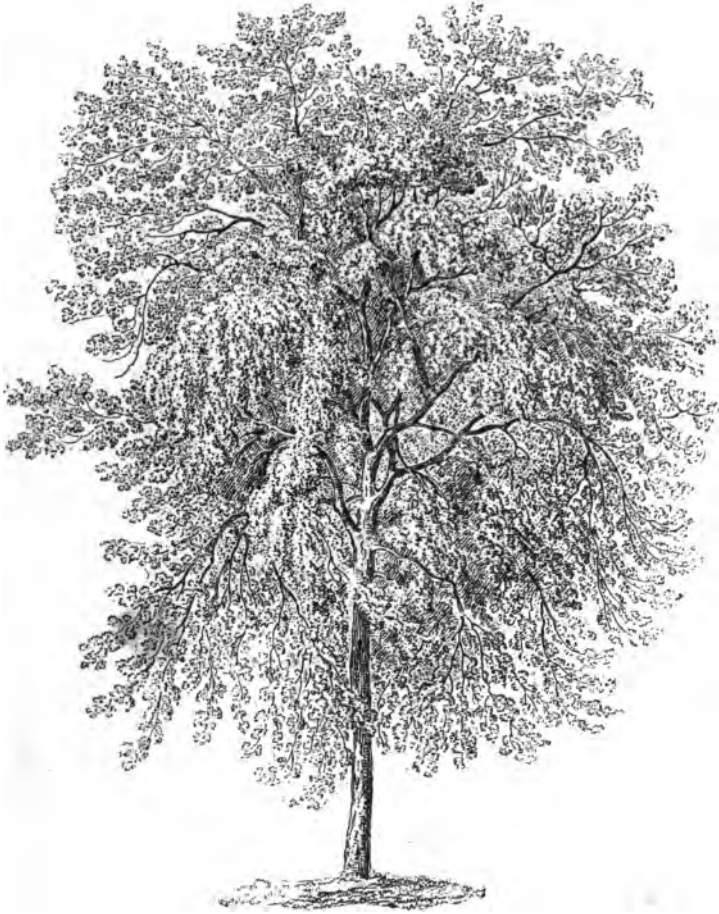
IV P  
*Acer eriocarpum.*  
The woolly-fruited Maple.





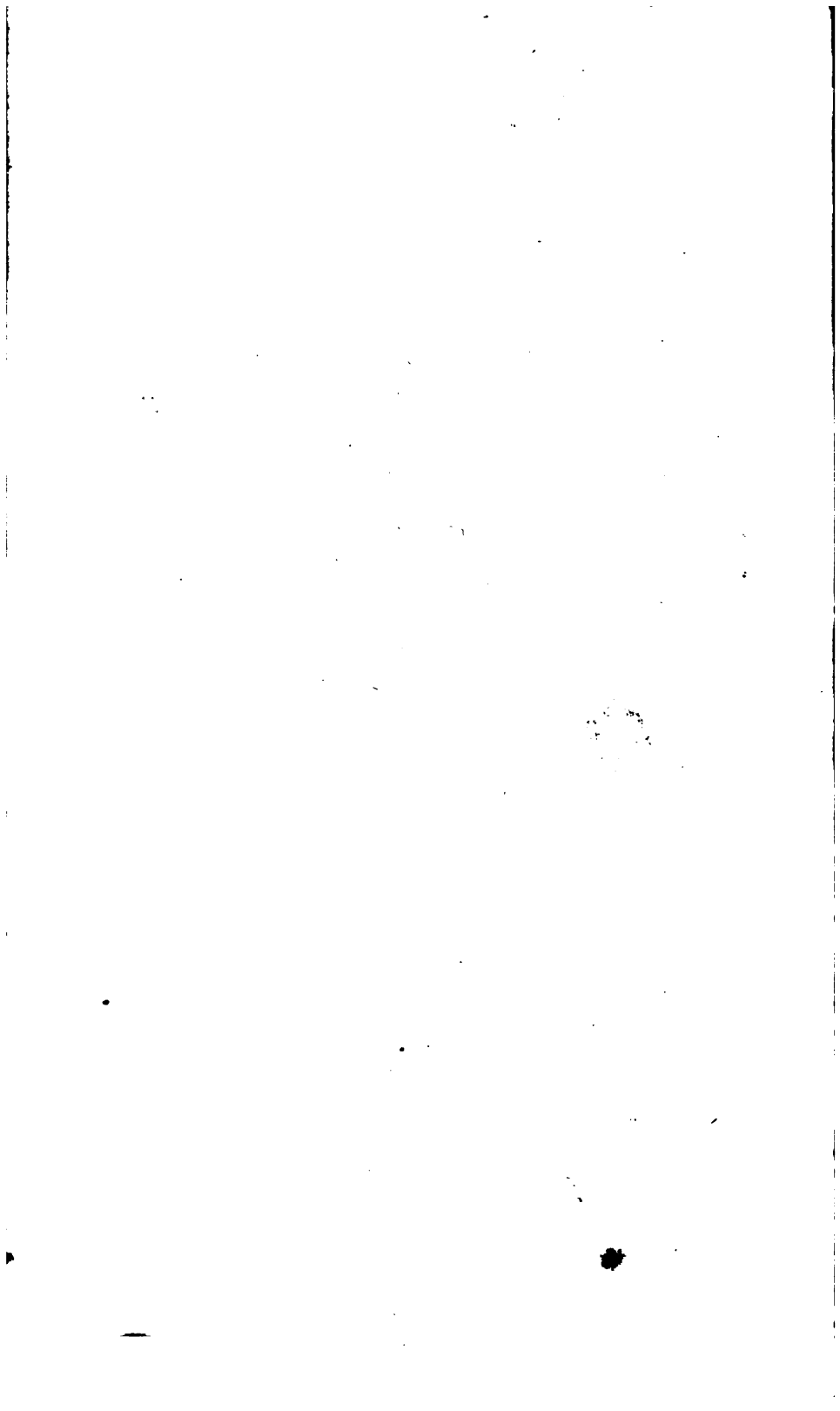


*Acer eriocárpou.*  
The woolly-fruited Maple.

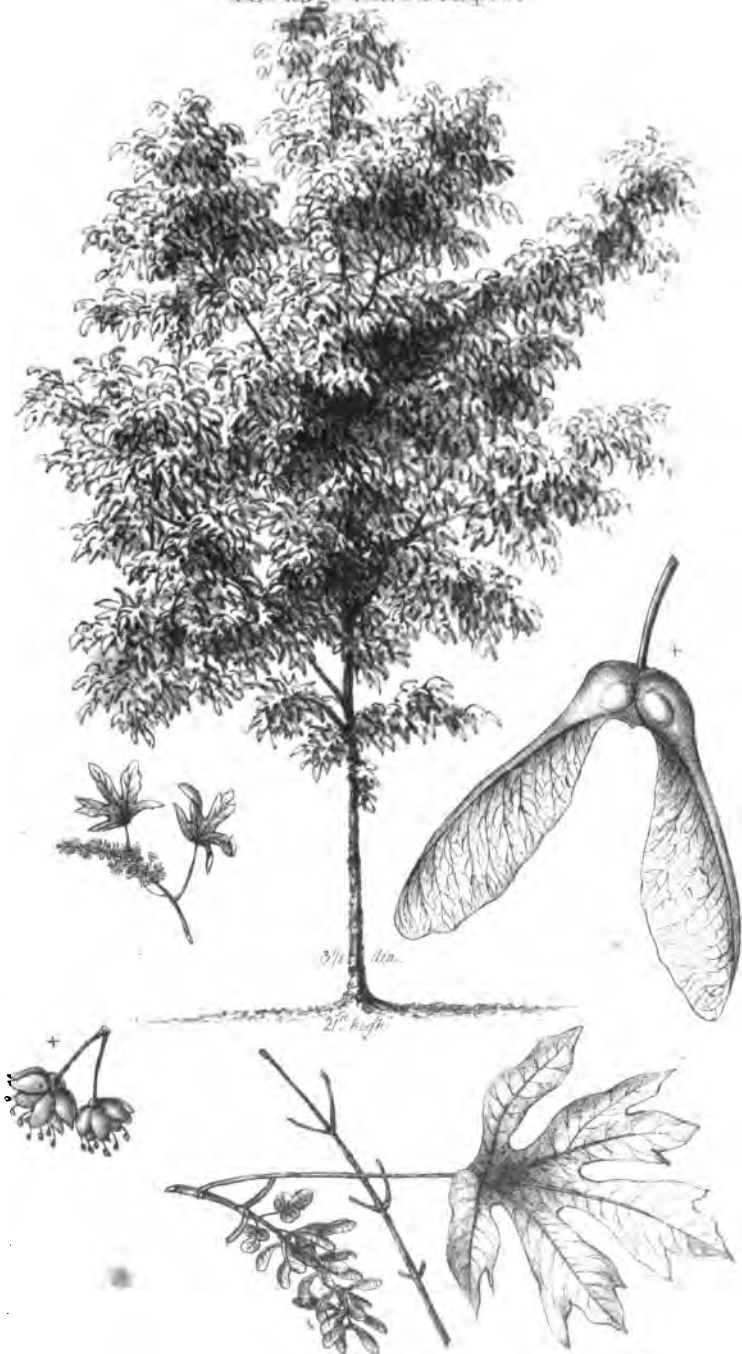


Full-grown tree at Kew, 56 ft. high; diam. of the trunk, 8 ft.; and of the head, 45 ft.  
[Scale 1 in. to 12 ft.]





IV. 1.  
*Acer macrophyllum.*  
The large-leaved Maple.



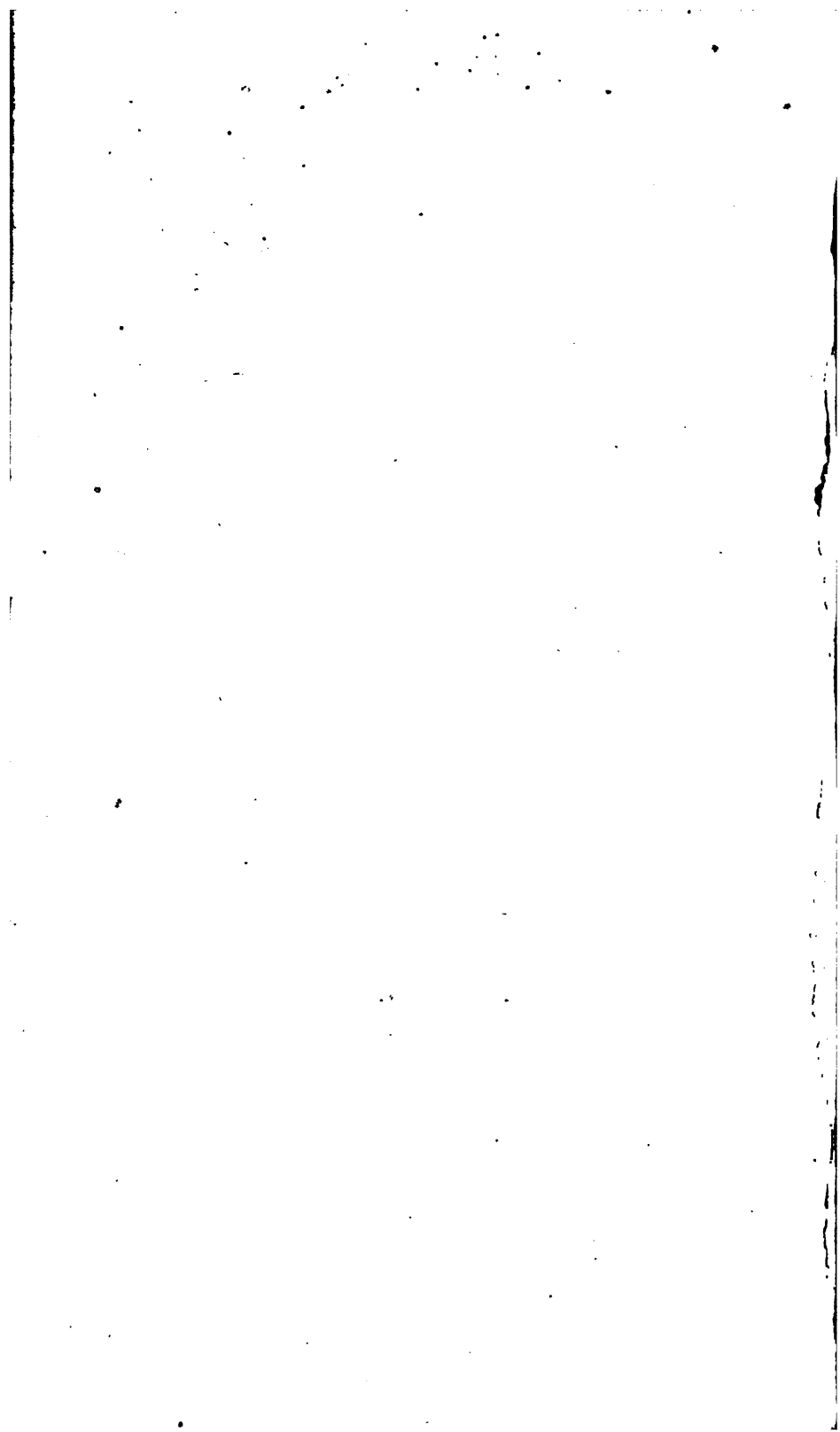
Printed from Zuccer's Botanical Atlas.

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L92a  
1838

XXI. A.  
*Acacia dealbata*.  
The whitened Acacia.

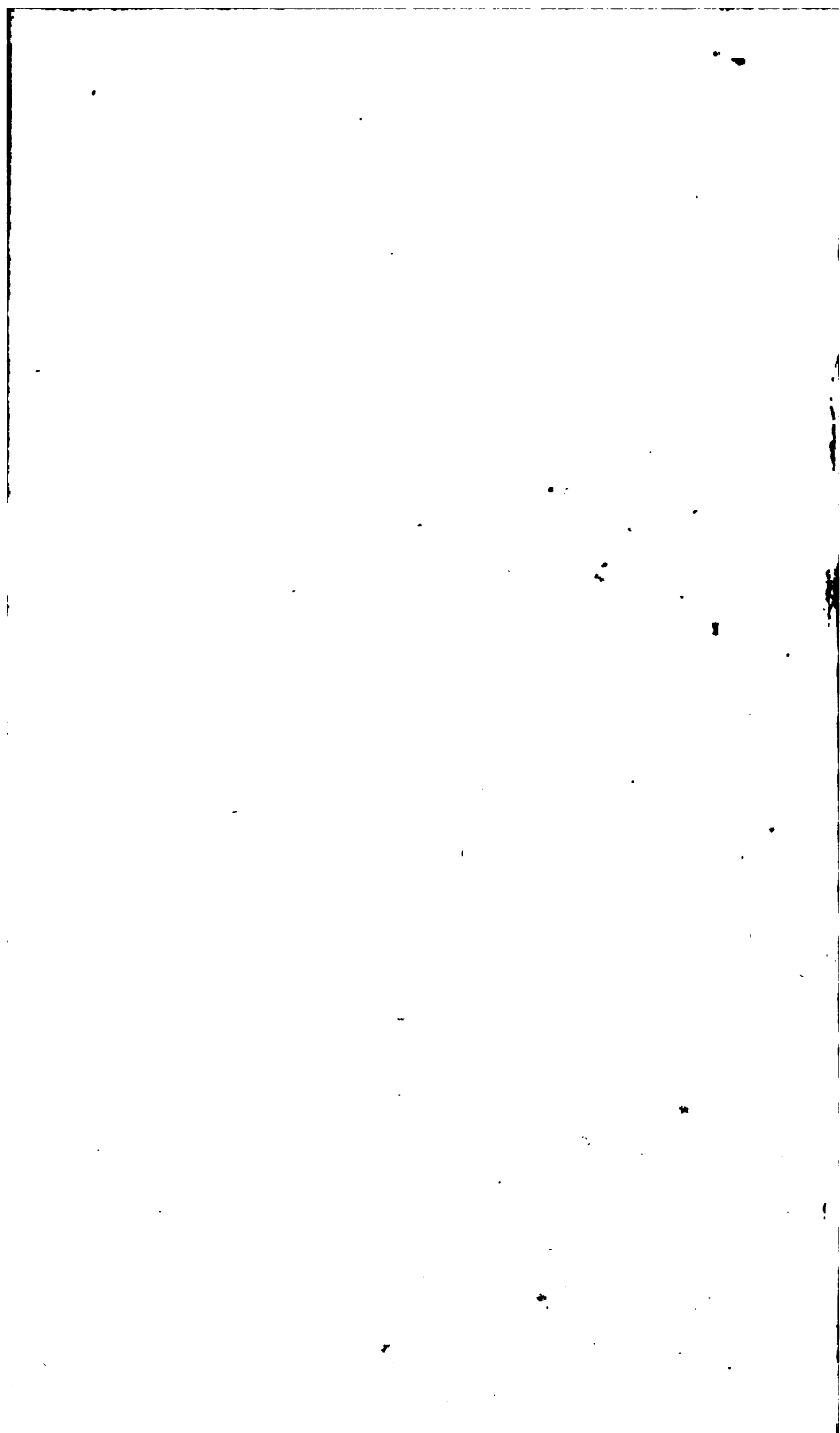


From a drawing by Z. S. 1825.



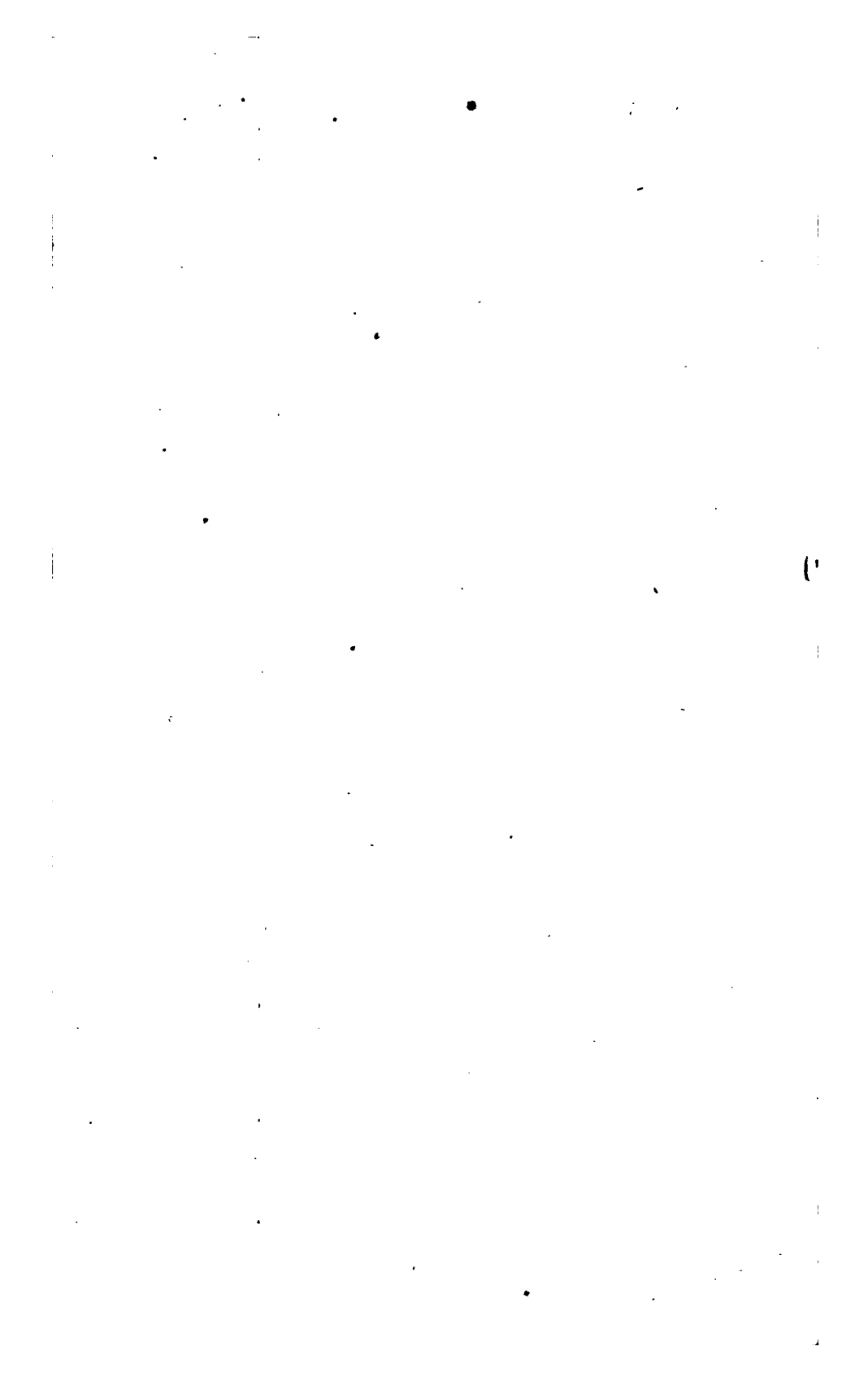
*Acer campéstre.*  
The common, or field, Maple.





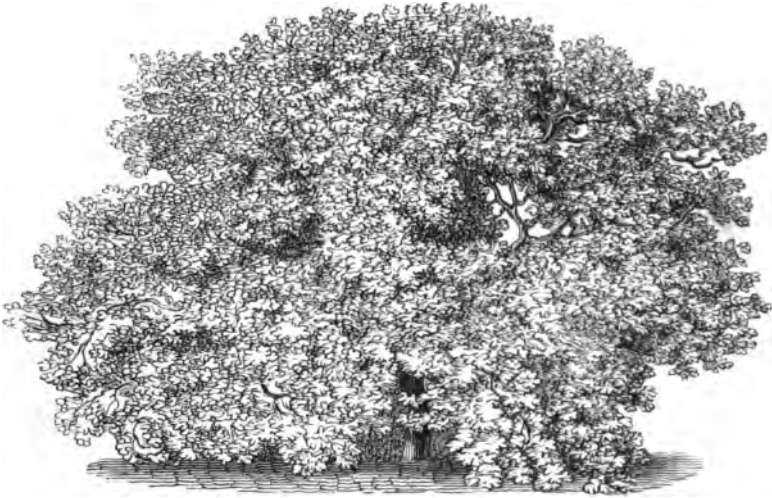






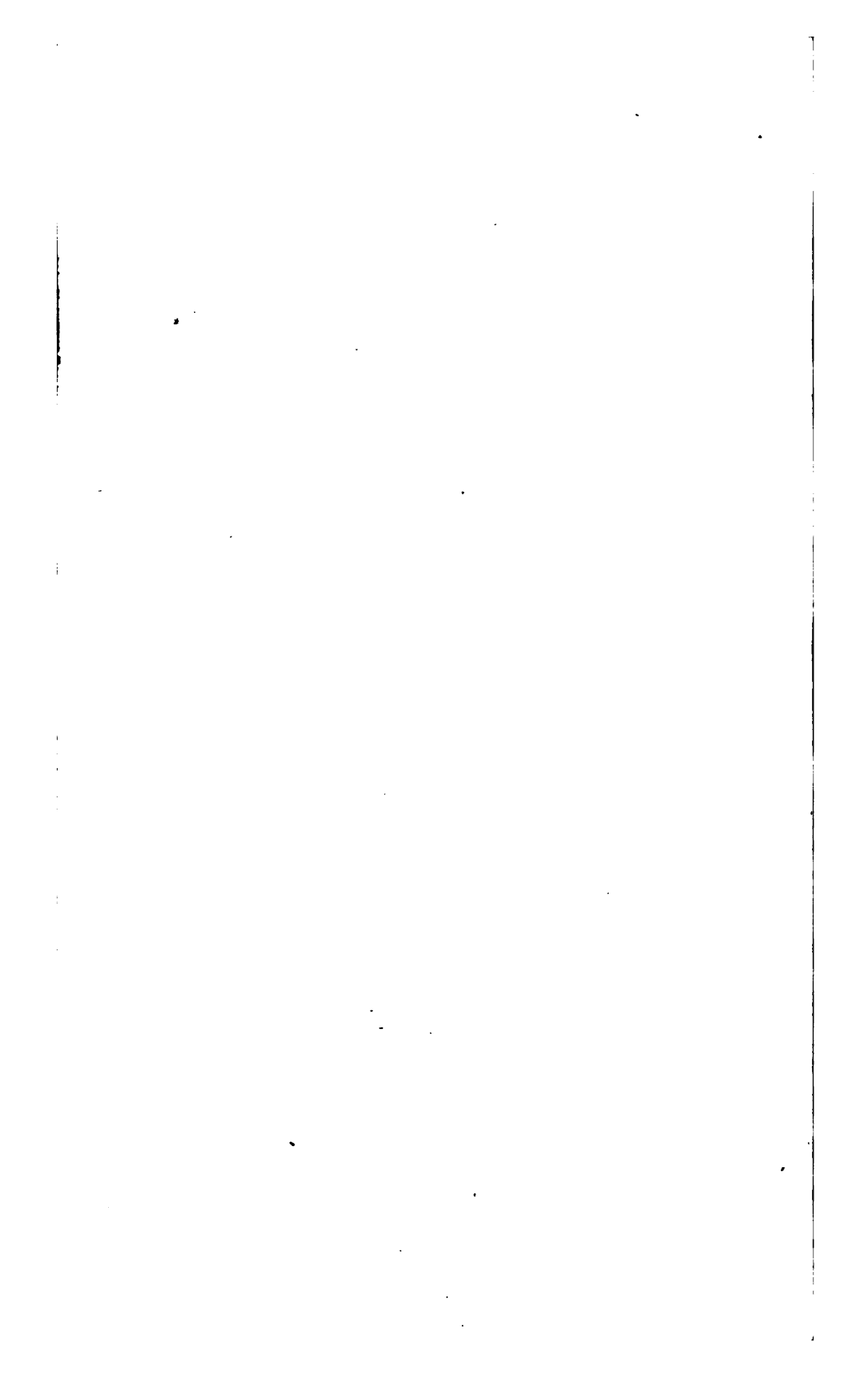
*Acer créticum.*

The Cretan Maple.



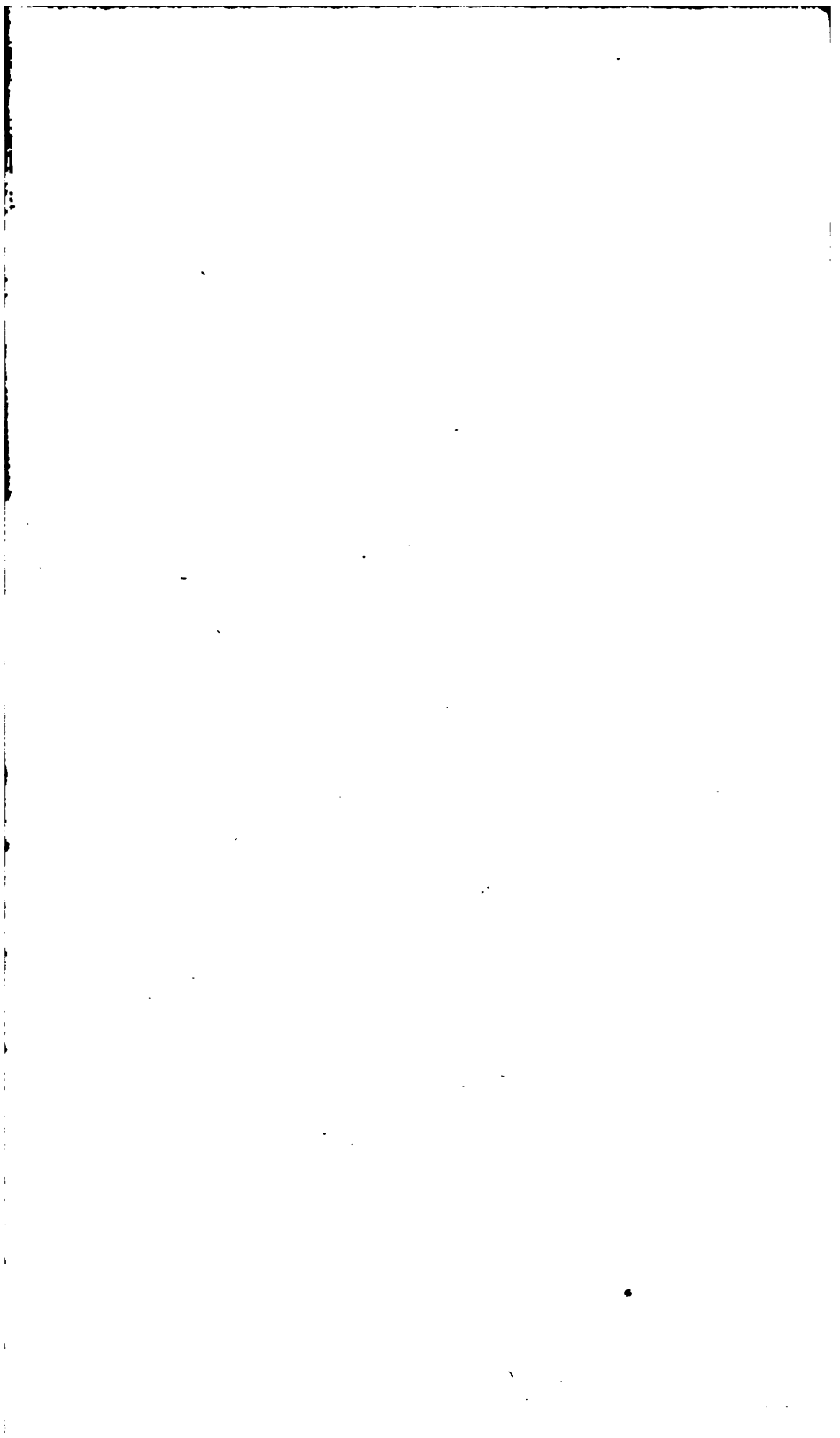
Full grown tree at Syon, 29 ft. high; diam. of the trunk, 2½ ft. and of the head, 48 ft.  
[Scale 1 in. to 12 ft.]



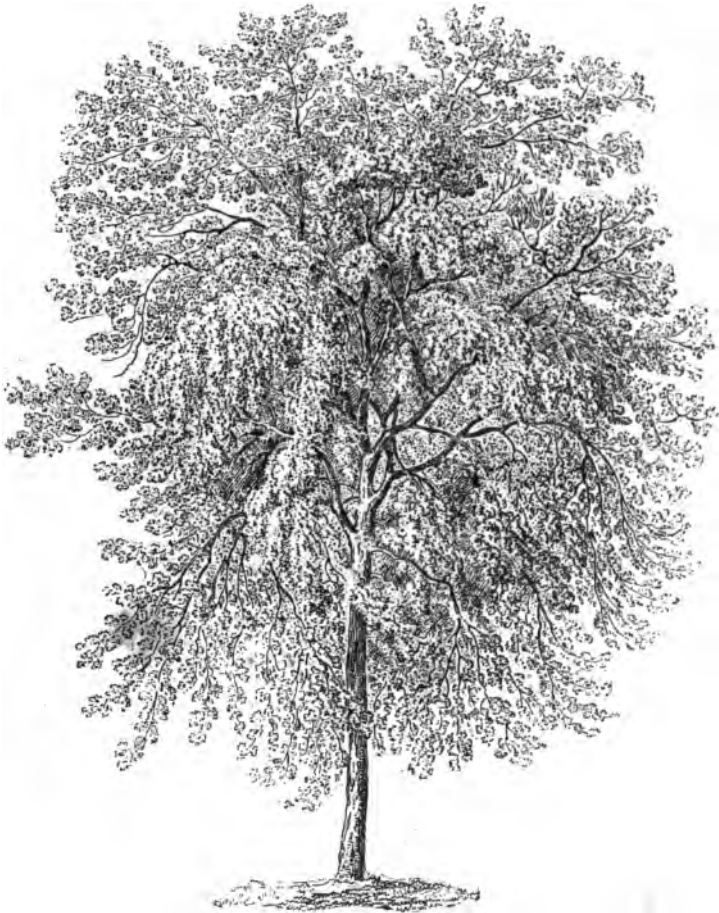


*Acer eriocarpon*.  
The woolly-fruited Maple.



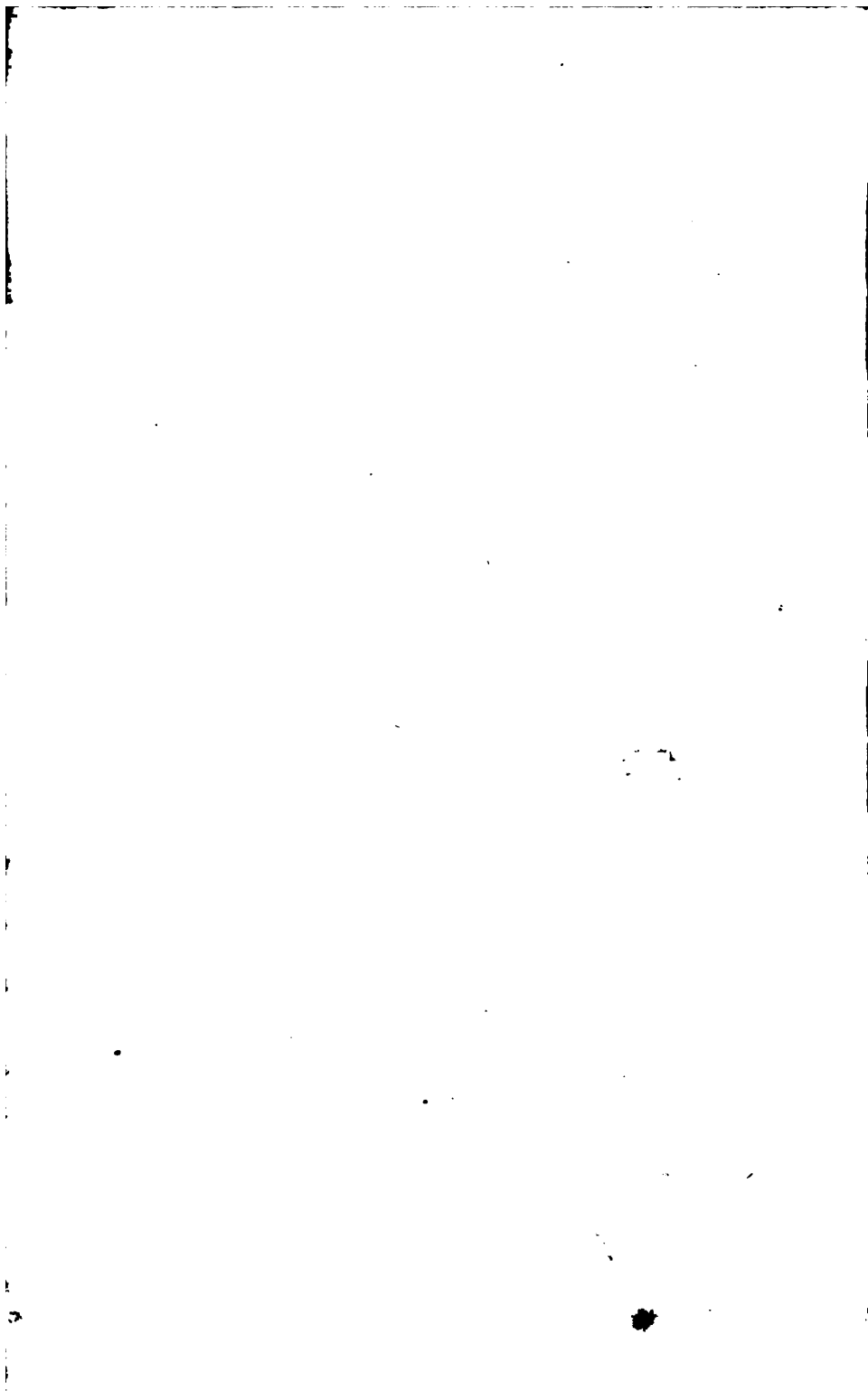


*Àcer eriocárpou.*  
The woolly-fruited Maple.



Full-grown tree at Kew, 56 ft. high; diam. of the trunk, 8 ft.; and of the head, 45 ft.  
[Scale 1 in. to 12 ft.]







IV.1.  
*Acer macrophyllum*.  
The large-leaved Maple.

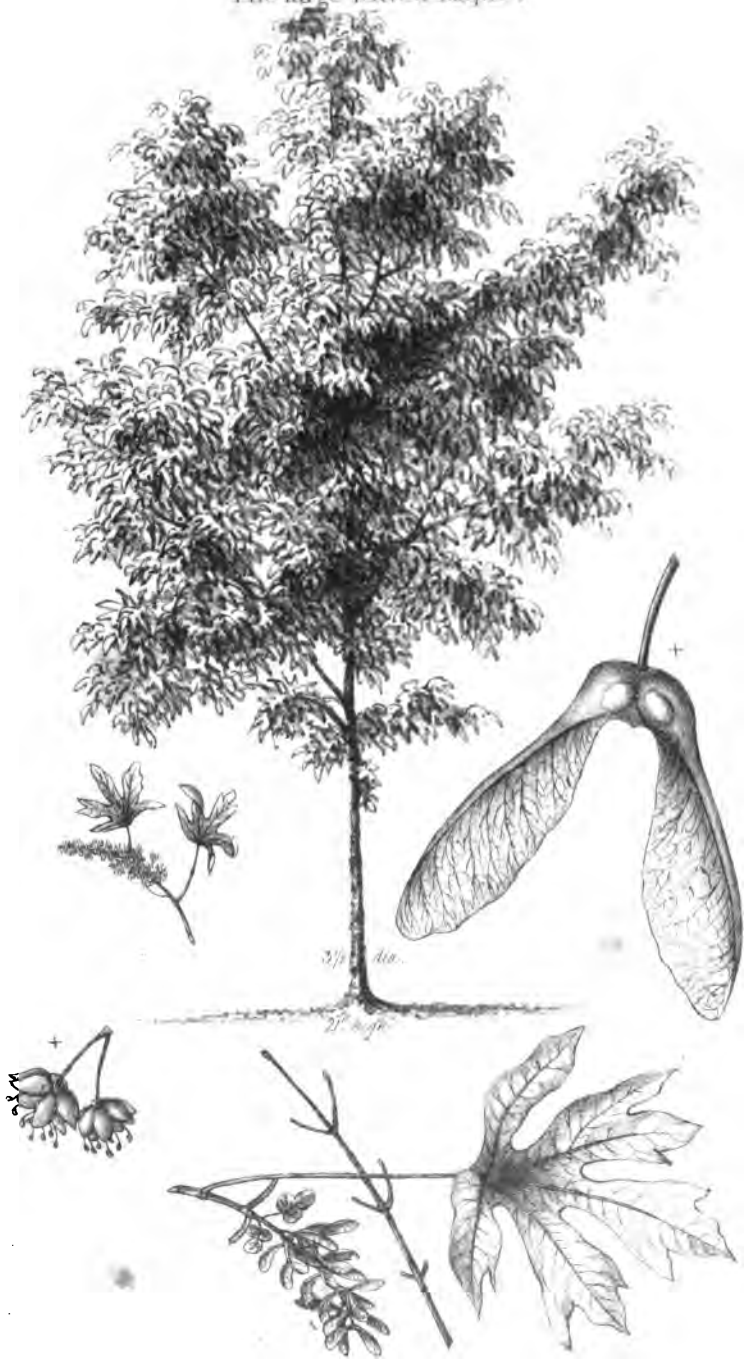
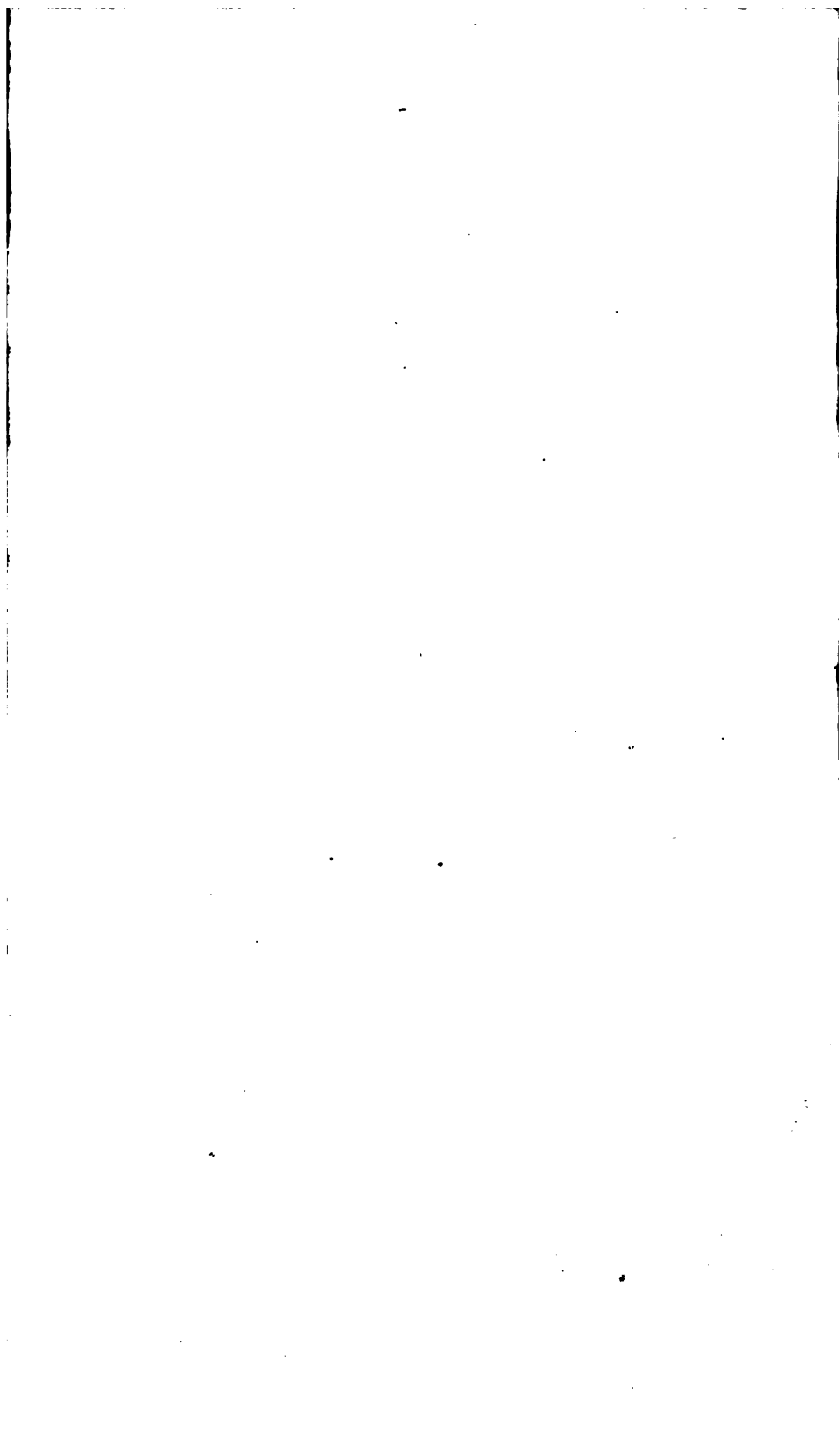


Illustration by Zuccer, 1860.



*Acer monspessulanum*.  
The Montpellier Maple.



Engraved from Zucc by D. S. Hoyle.

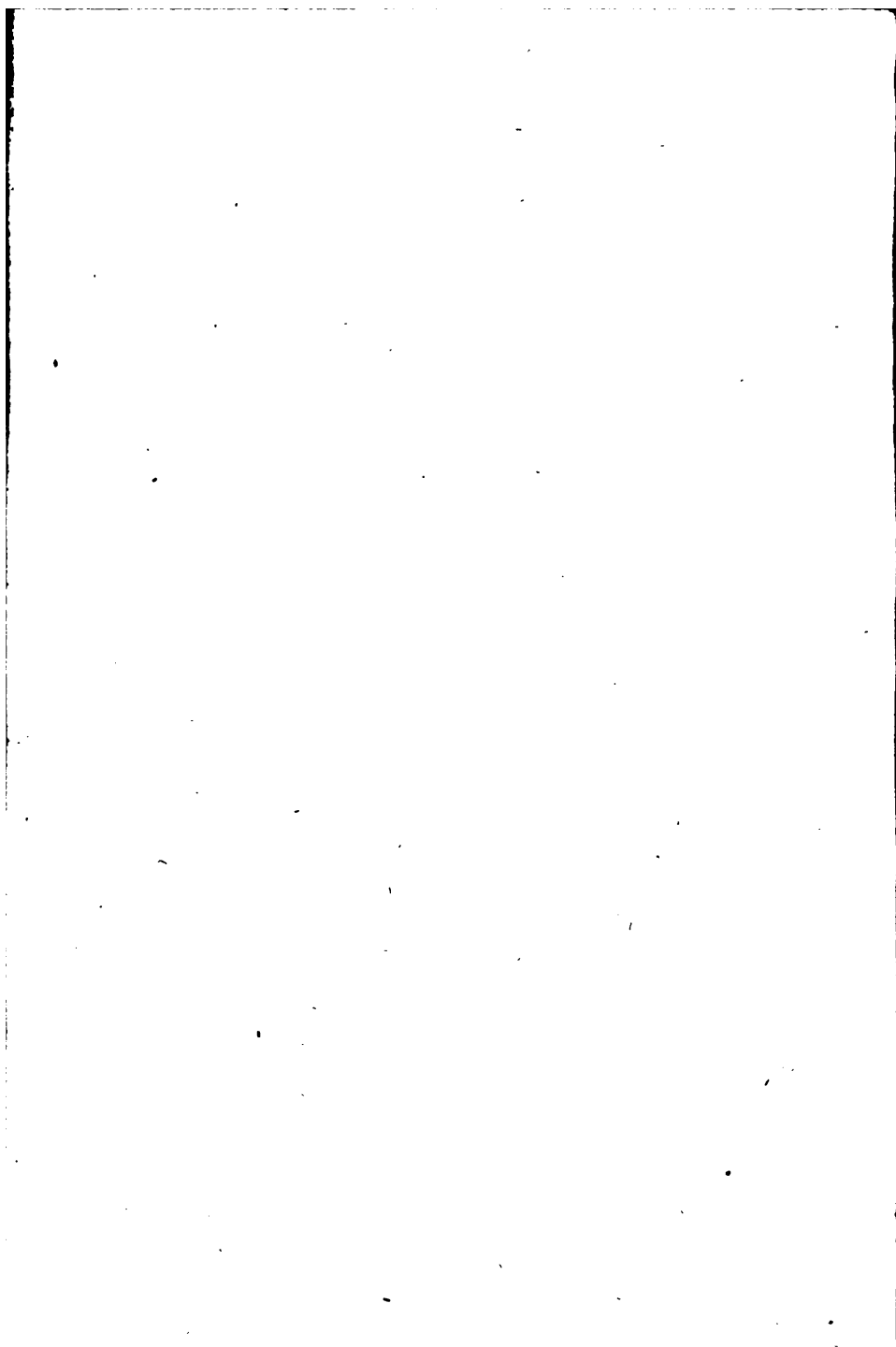


*Acer monspessulanum.*  
The Montpelier Maple.



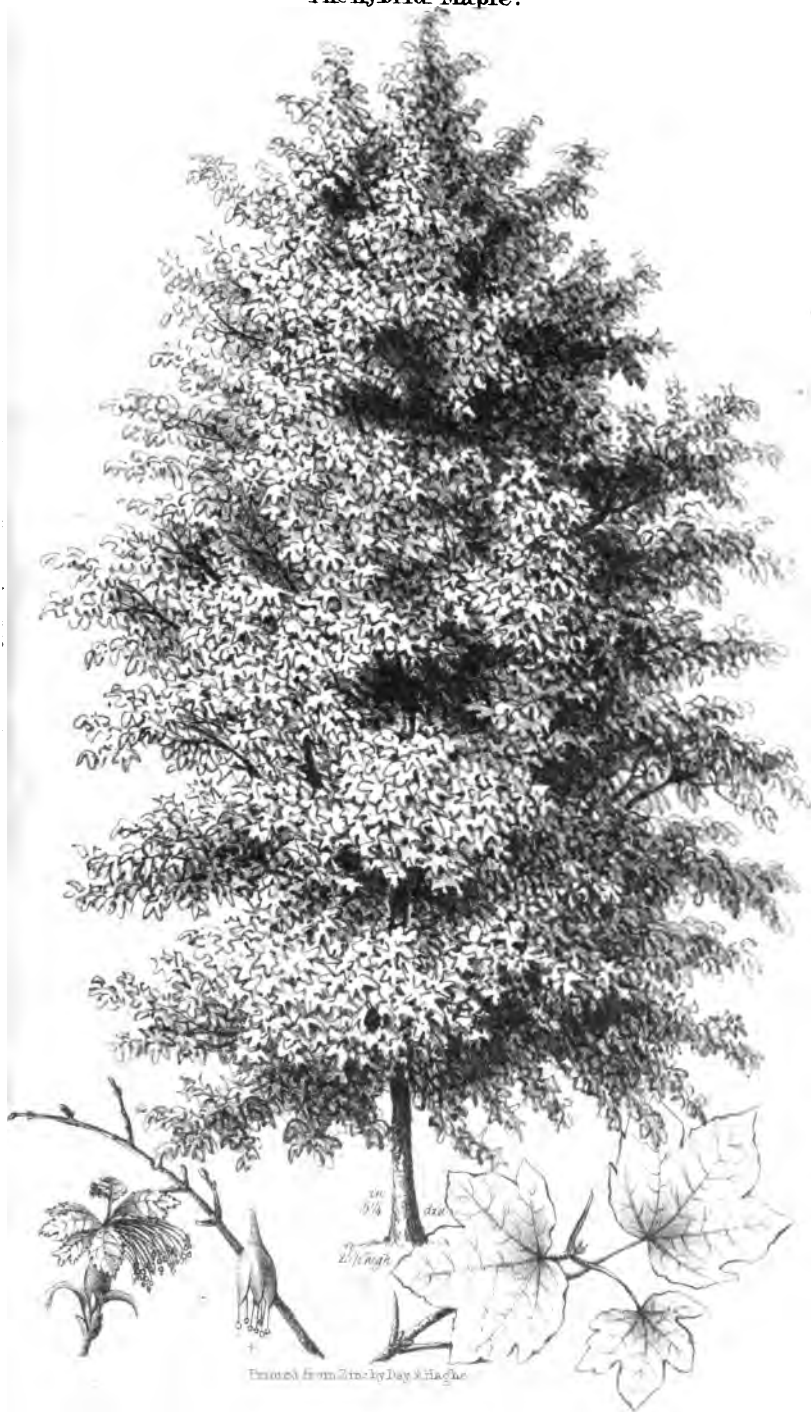
Full grown tree at Ham House, 30 ft. high; diam. of the head, 40 ft.; and of the trunk, 1½ ft.  
[Scale 1 in. to 12 ft.]

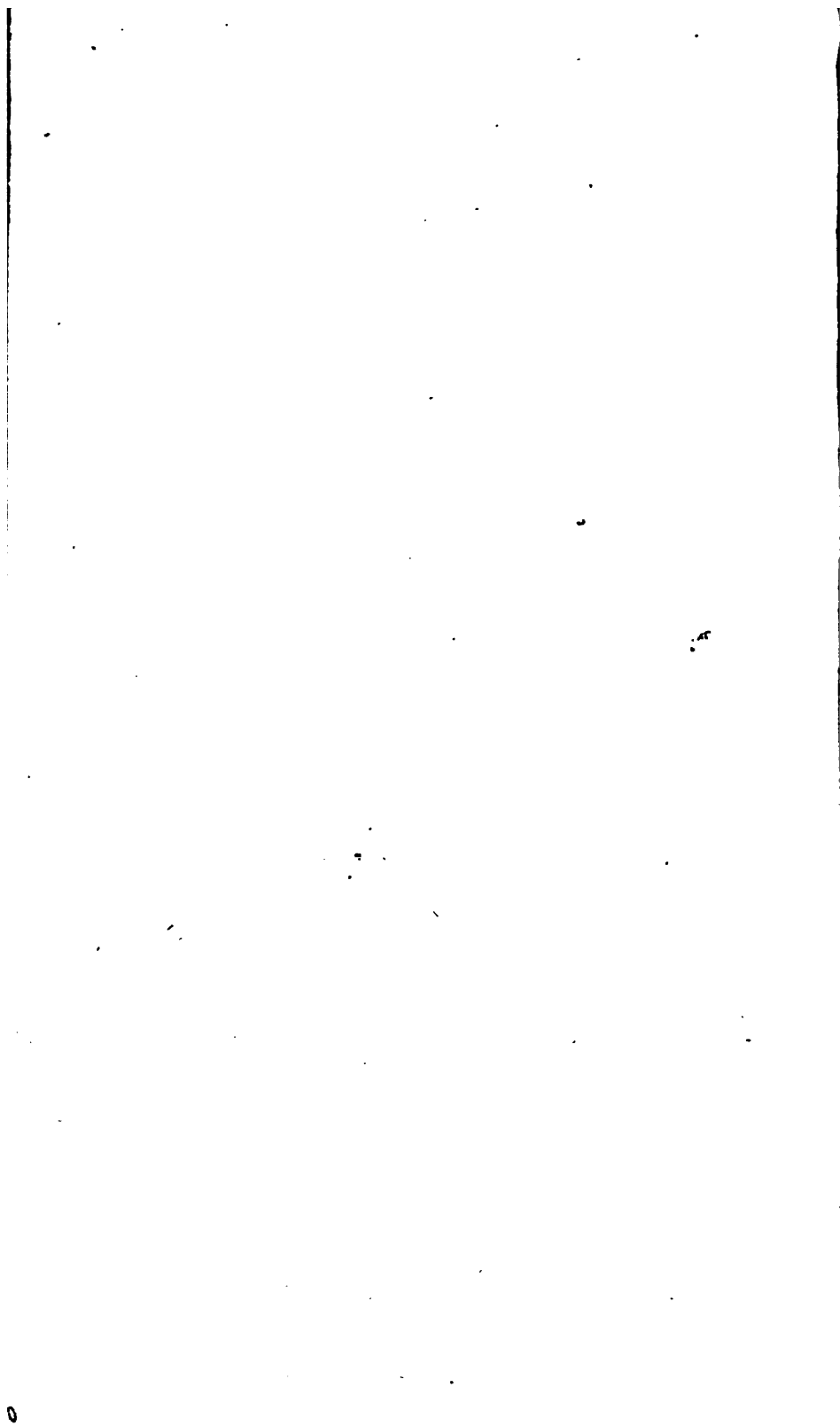




IV. N  
*Acer hybridum.*  
The hybrid Maple.

38





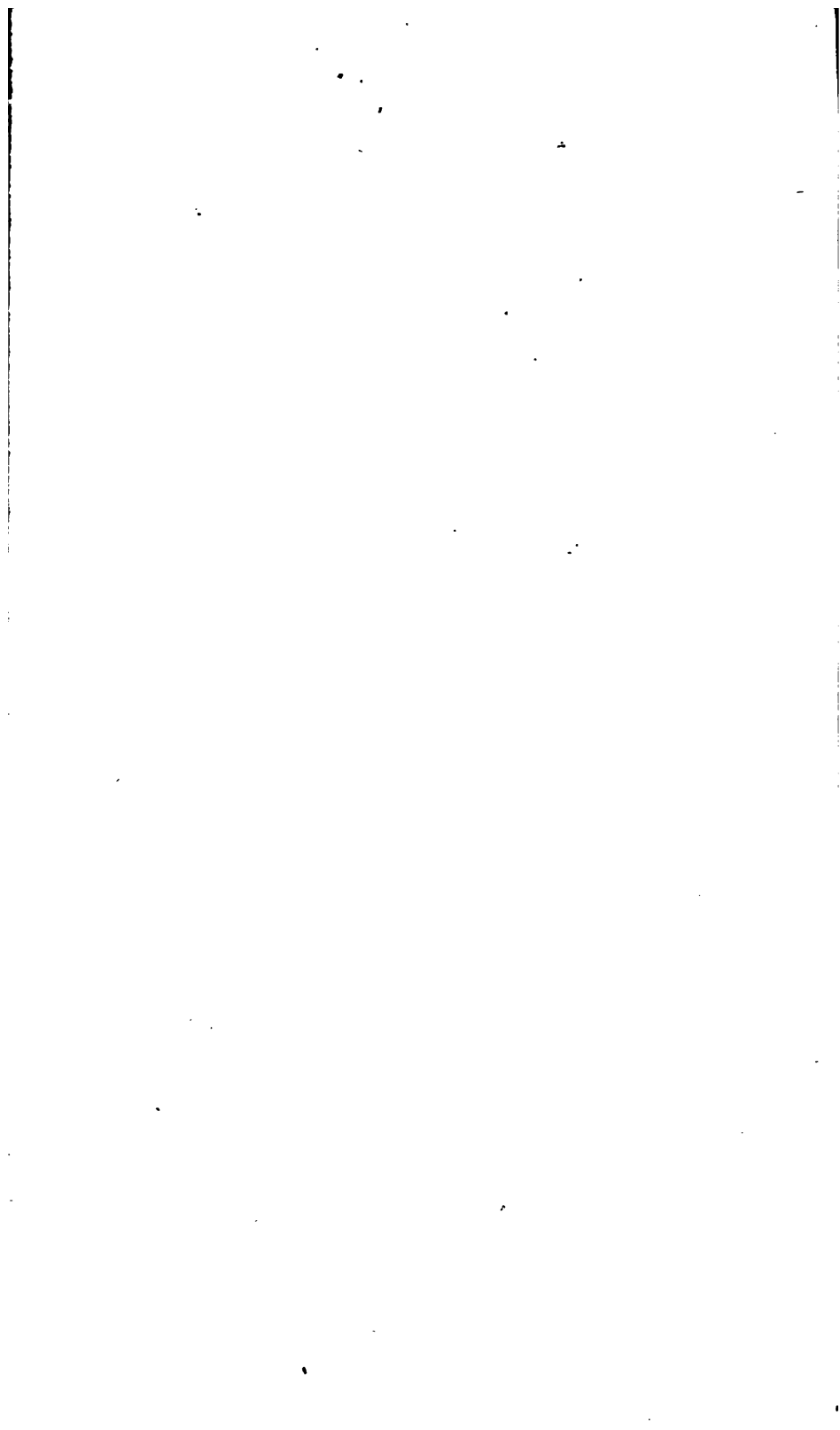


*Acer Ópulus.*  
The Guelder-rose-like Maple.



10 ft. high. 2½ in. diam.





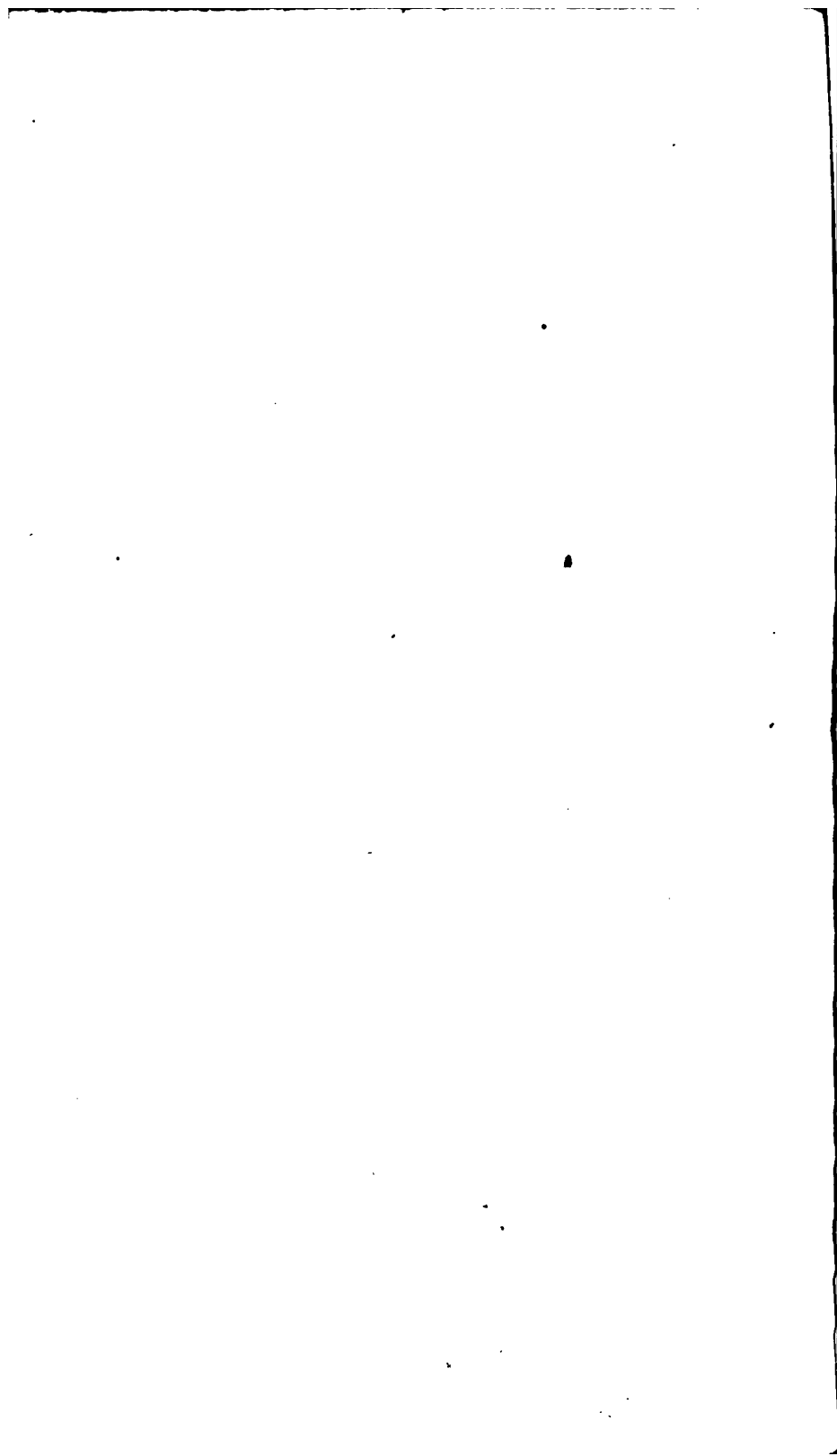
*Acer opulifolium*.  
The Guelder-Rose-leaved Maple.



12 1/2 high



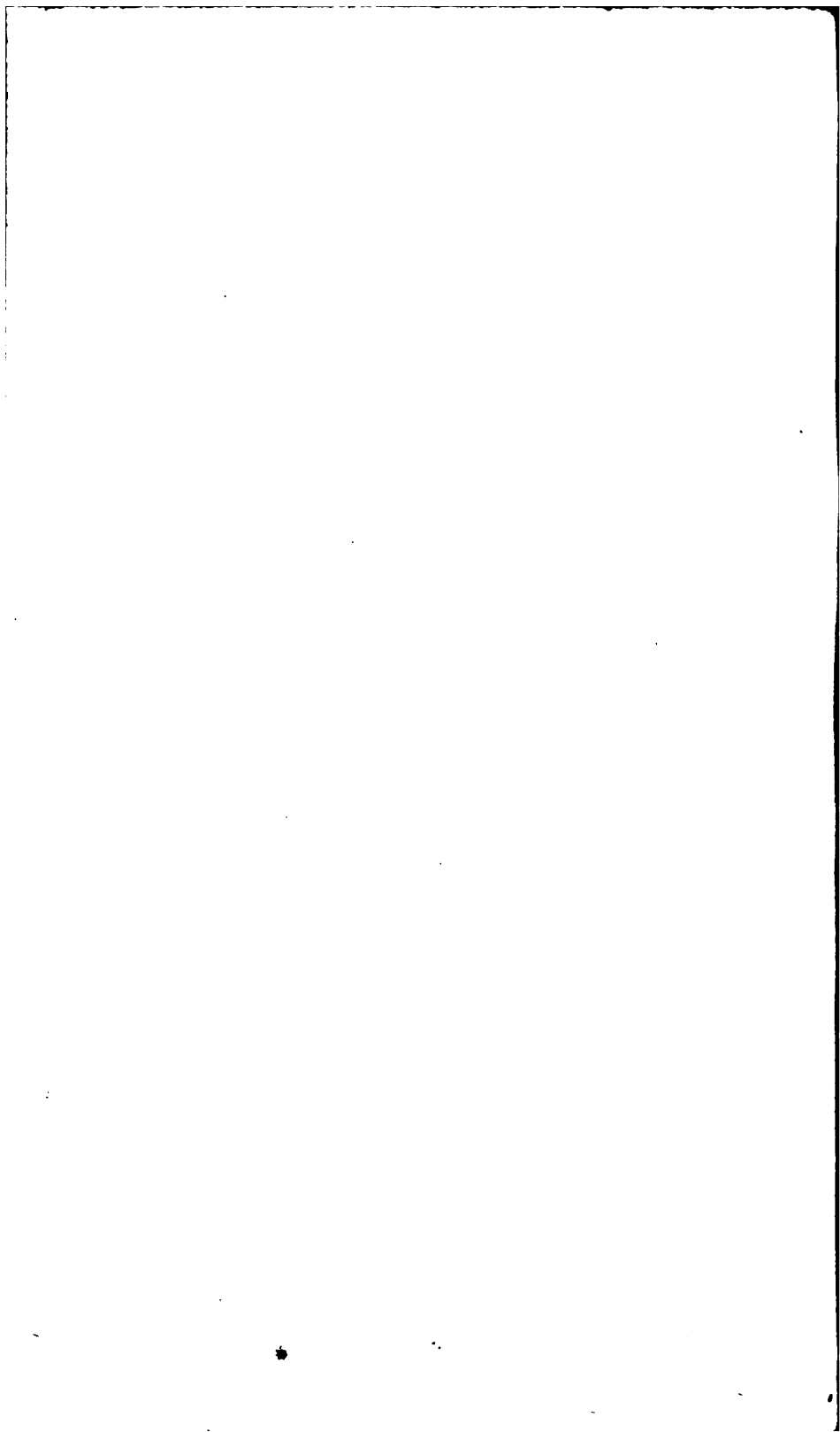
Engraved from Zinc by Day & Haghe



*Acer platanoides.*  
The Platanus-like Maple.

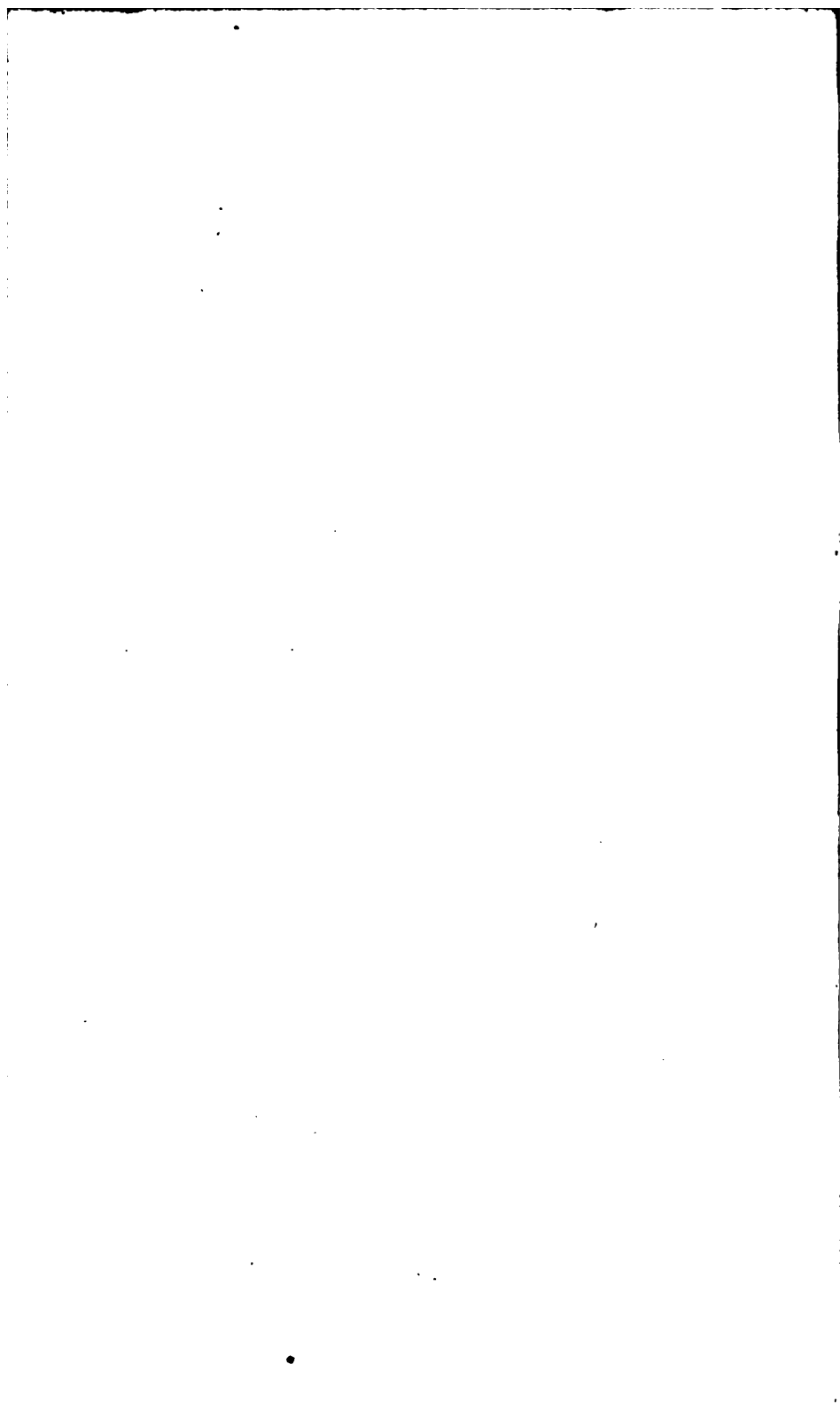


Source: *Botanical Magazine, Japan*



*Acer platanoides laciniatum*..  
The cut-leaved Platanus-like Maple.

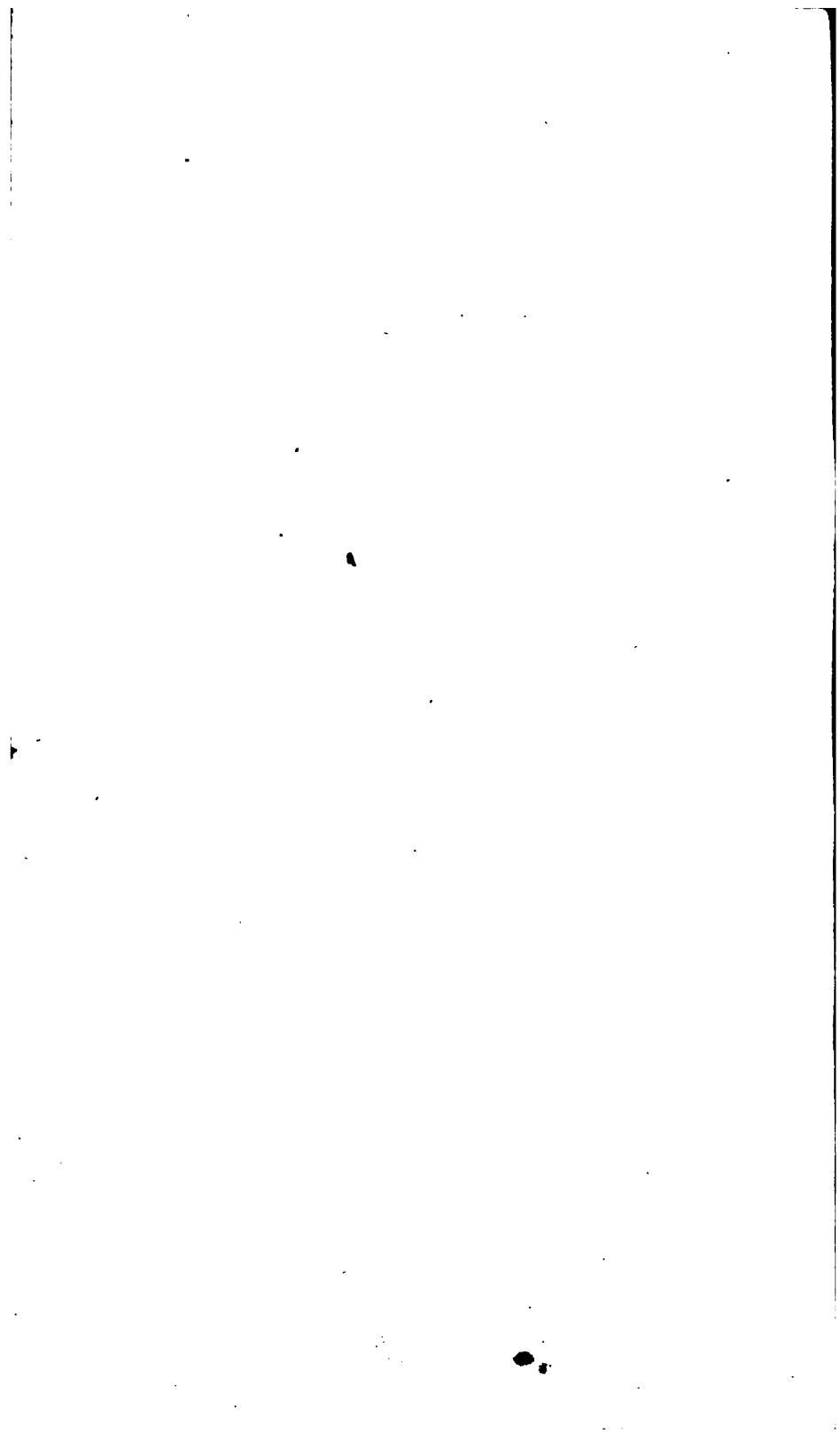






IV. H.  
*Acer Pseudo-Platanus.*  
The *Sycamore*, or Bastard Plane tree Maple.





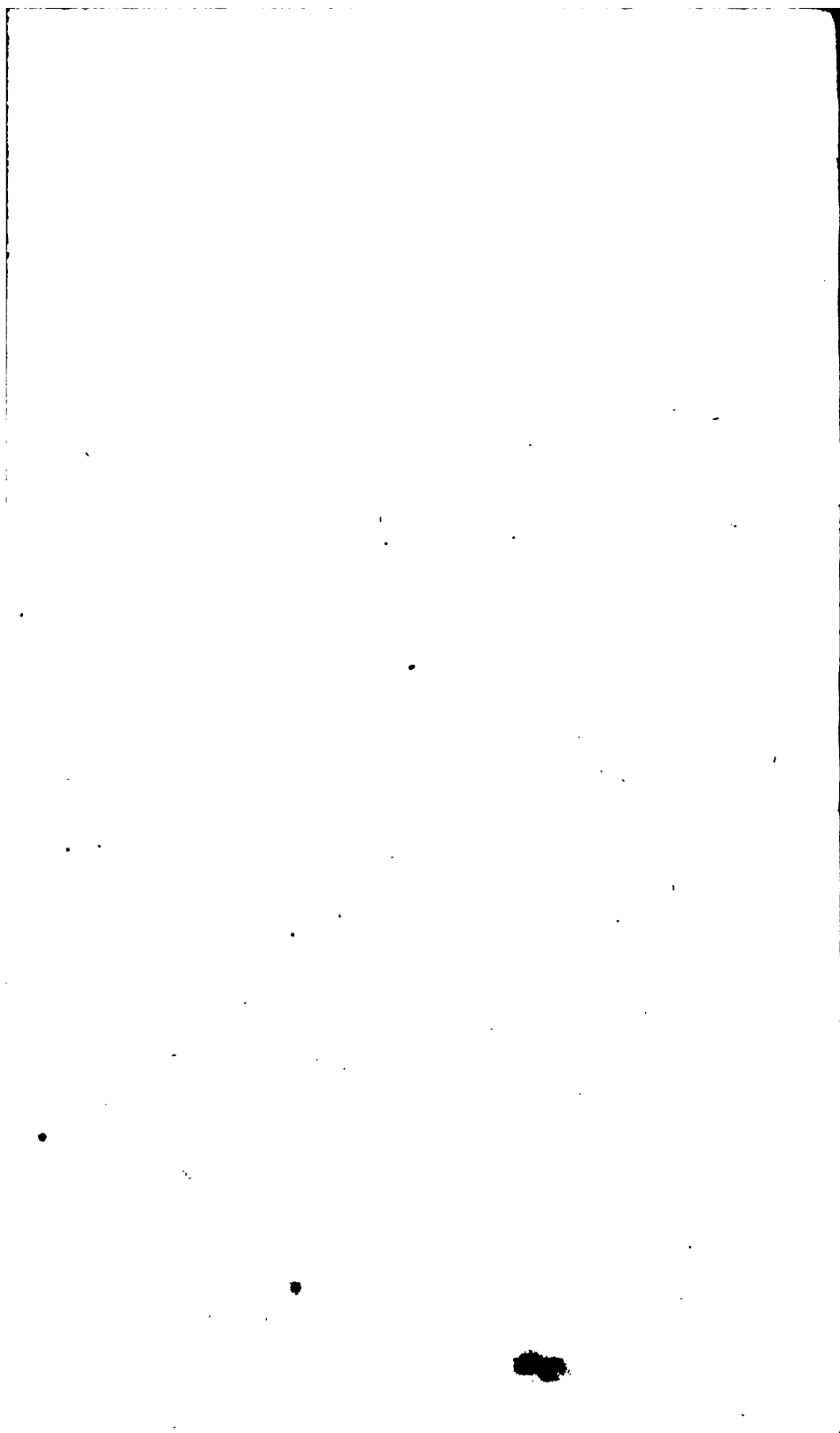
*Acer Pseudo-Platanus.*

The false Platanus, or common Sycamore.



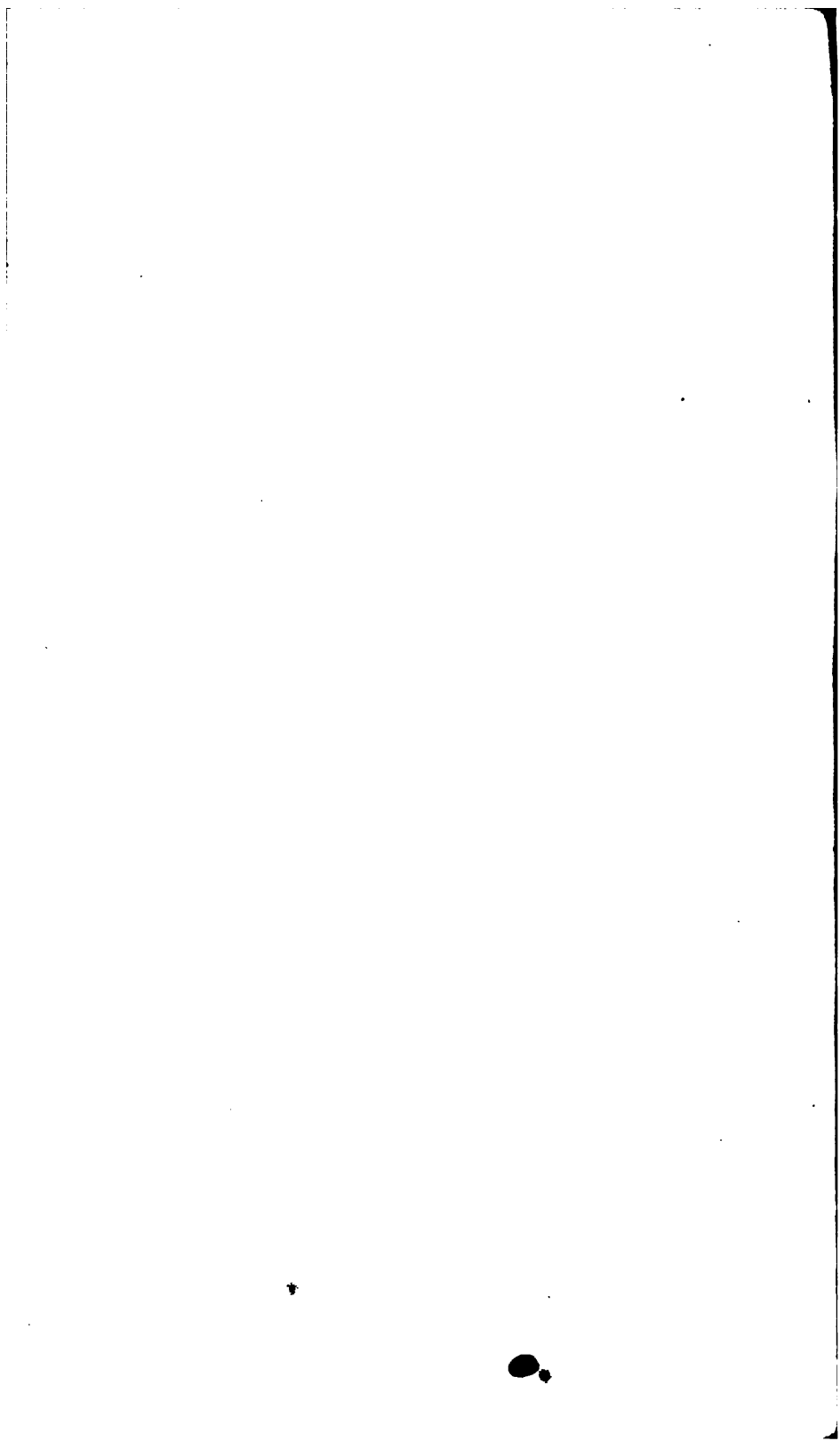
Full-grown tree at Studley, 100 ft. high; diam. of the trunk, 8 ft. 1 in.; and of the head, 91 ft.  
[Scale 1 in. to 24 ft.]





IV. o.  
*Acer rubrum.*  
The red-flowered Maple.





*Acer rubrum.*  
The Red, or Swamp Maple.



Full grown tree at Kew, 36 ft. high; diam. of the trunk, 2½ ft.; and of the head, 30 ft.  
[Scale 1 in. to 12 ft.]

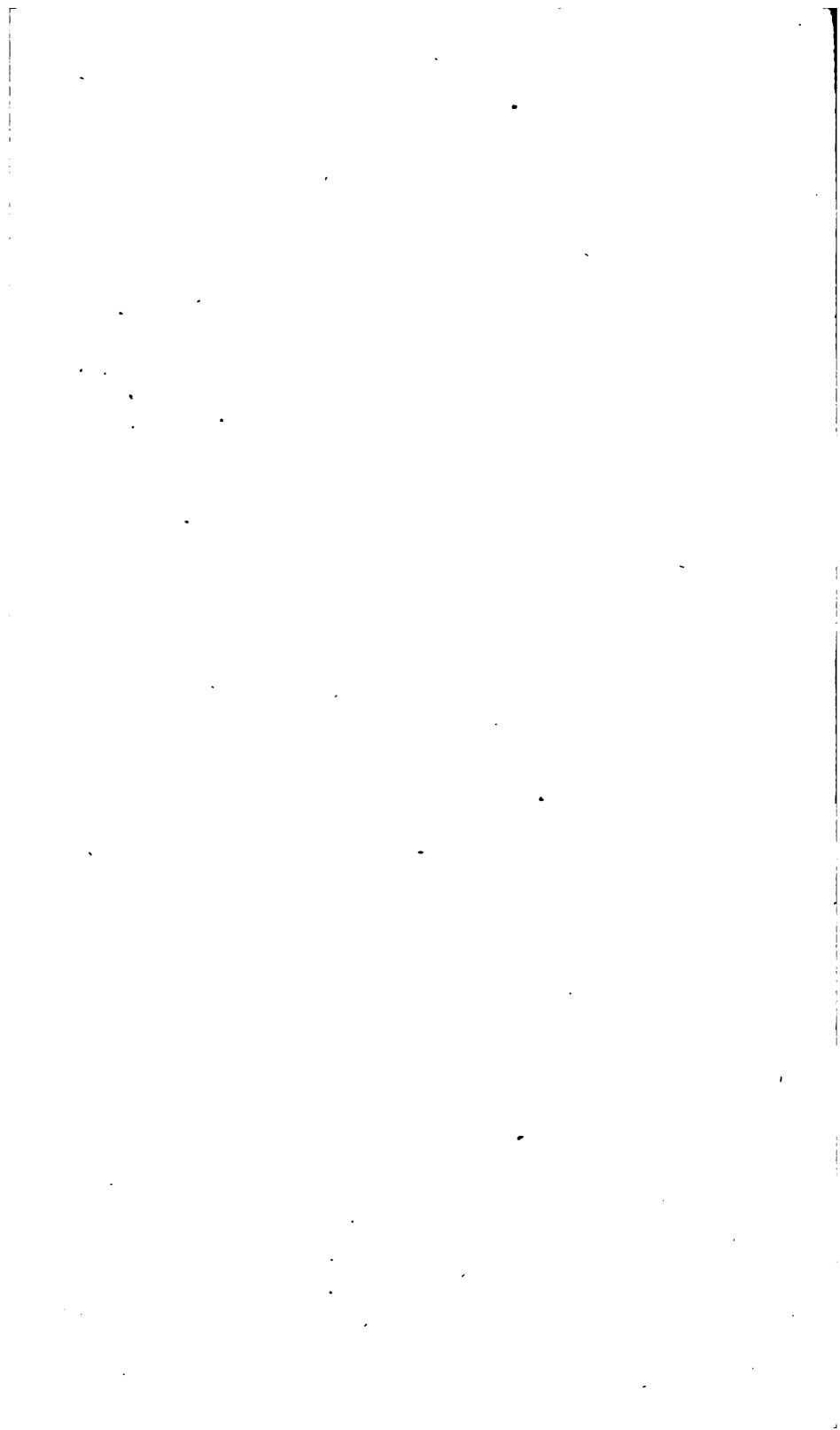




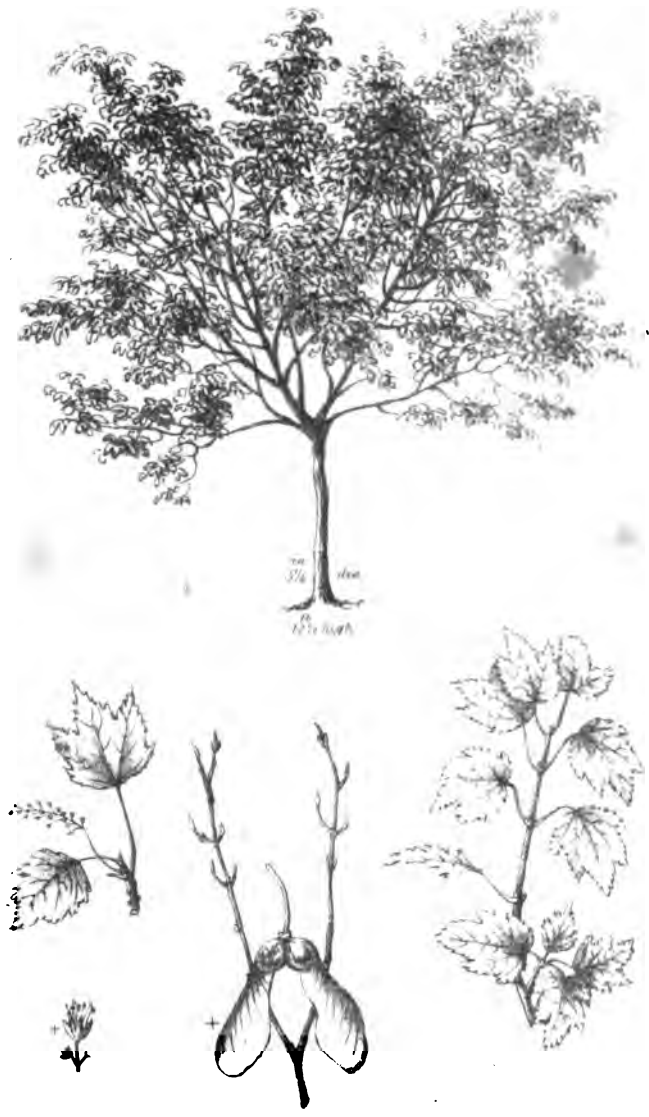


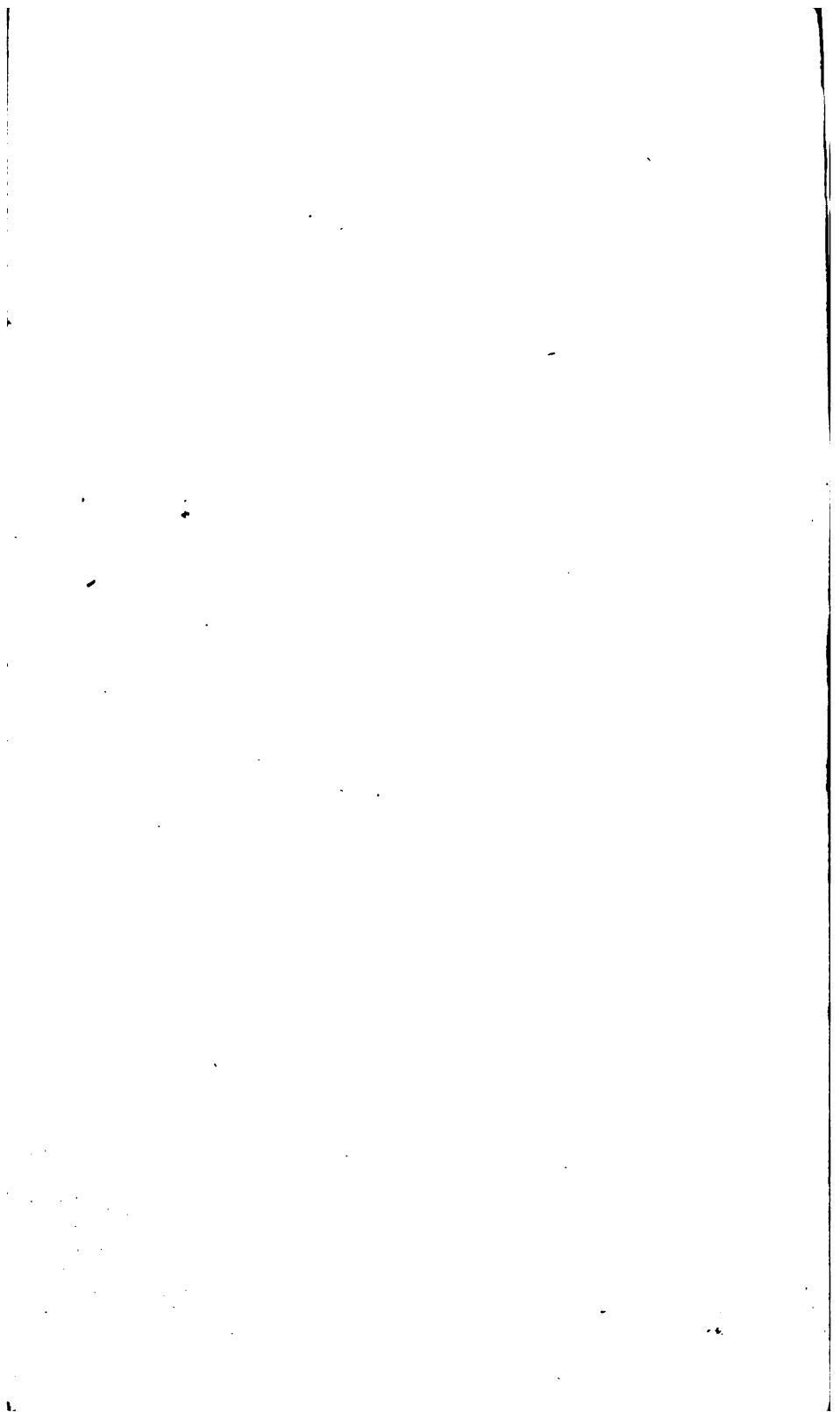
IV. M  
*Acer saccharinum*.  
The sugar Maple.





IV. E.  
*Acer spicatum*.  
The spike-flowered Maple.

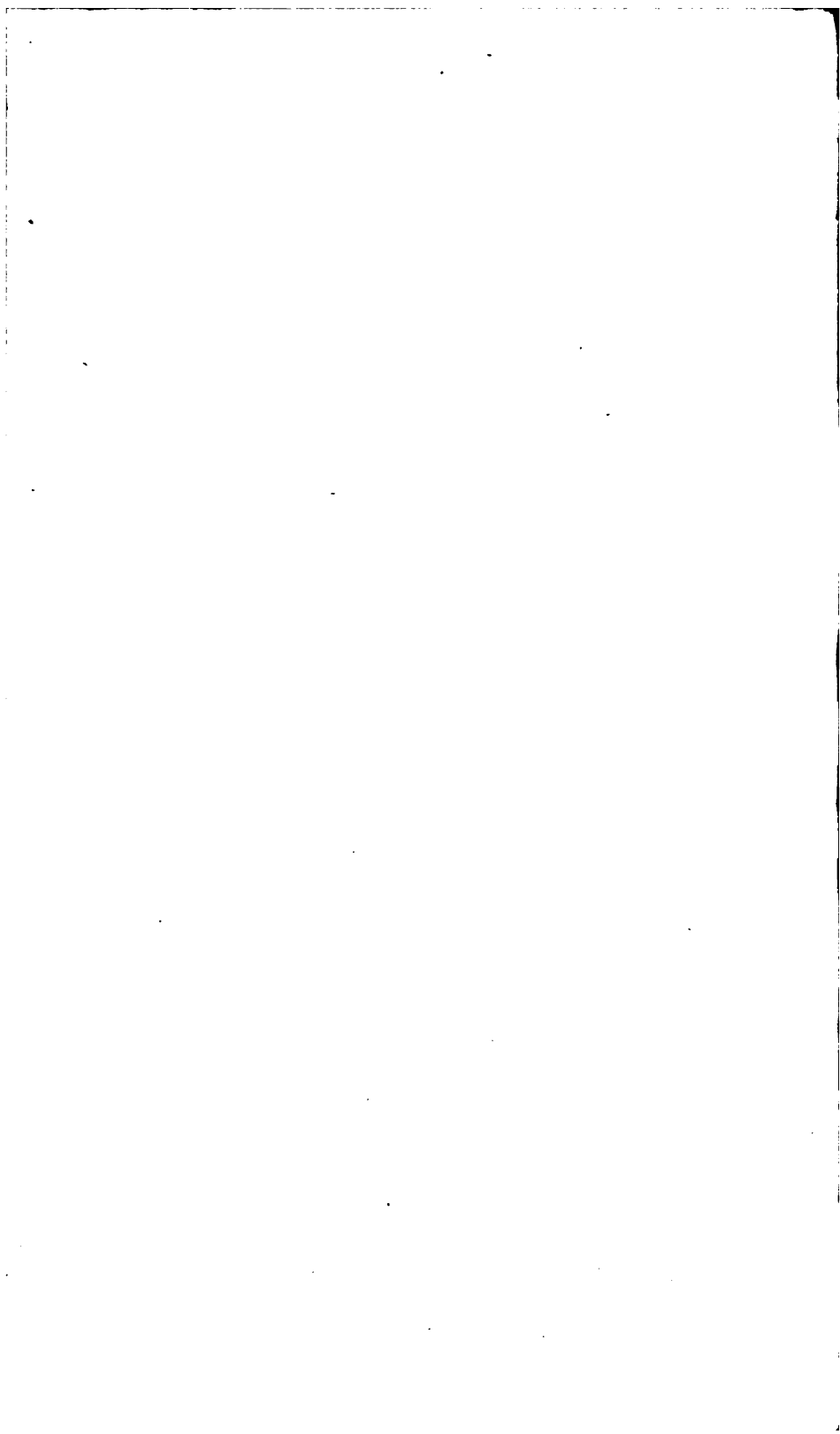




*Acer striatum*.  
The striped-barked Maple.

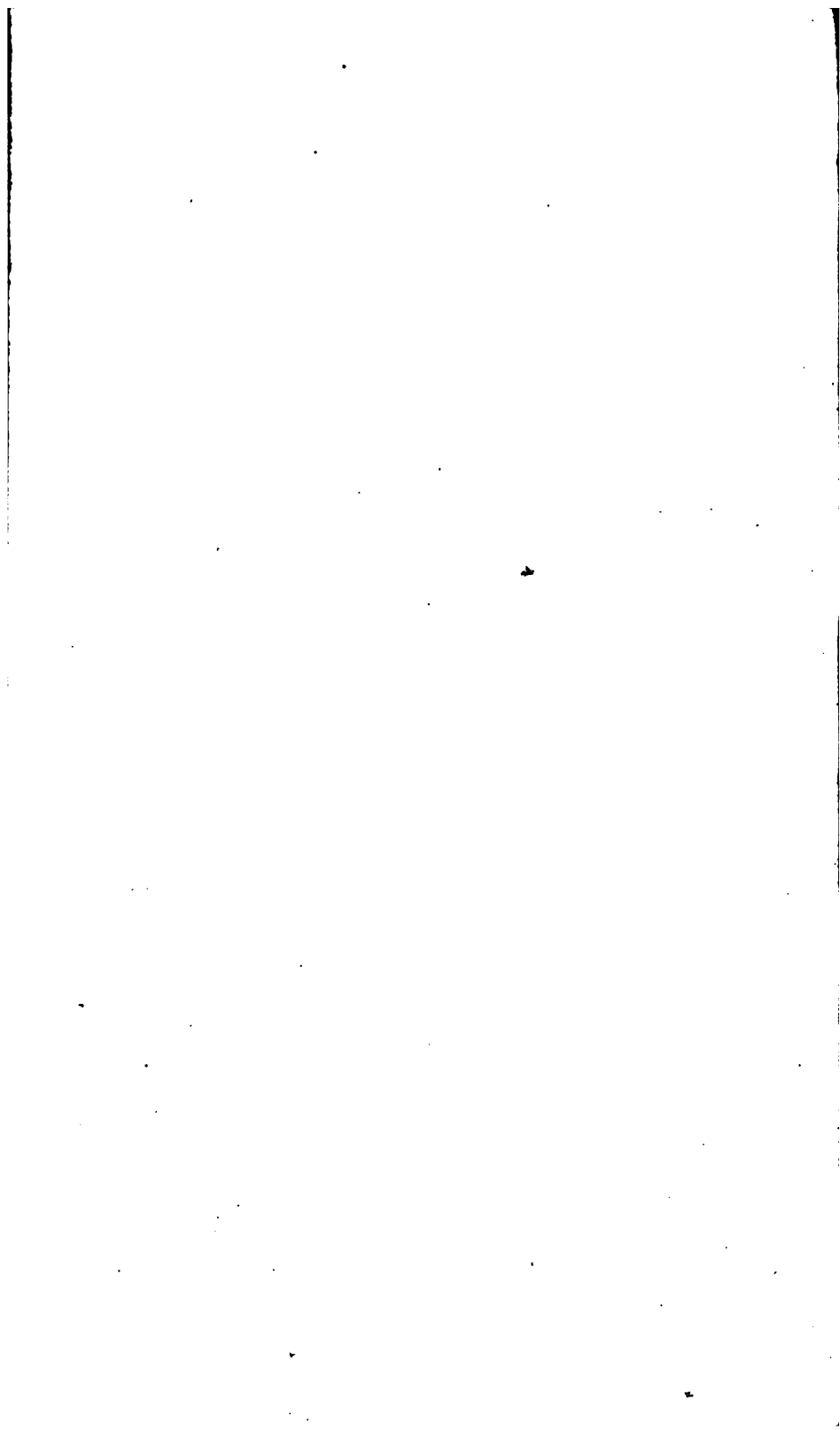


Copied from Zone by Day & Bağcı.



IV. A .  
*Acer tataricum*.  
The Tartarian Maple .





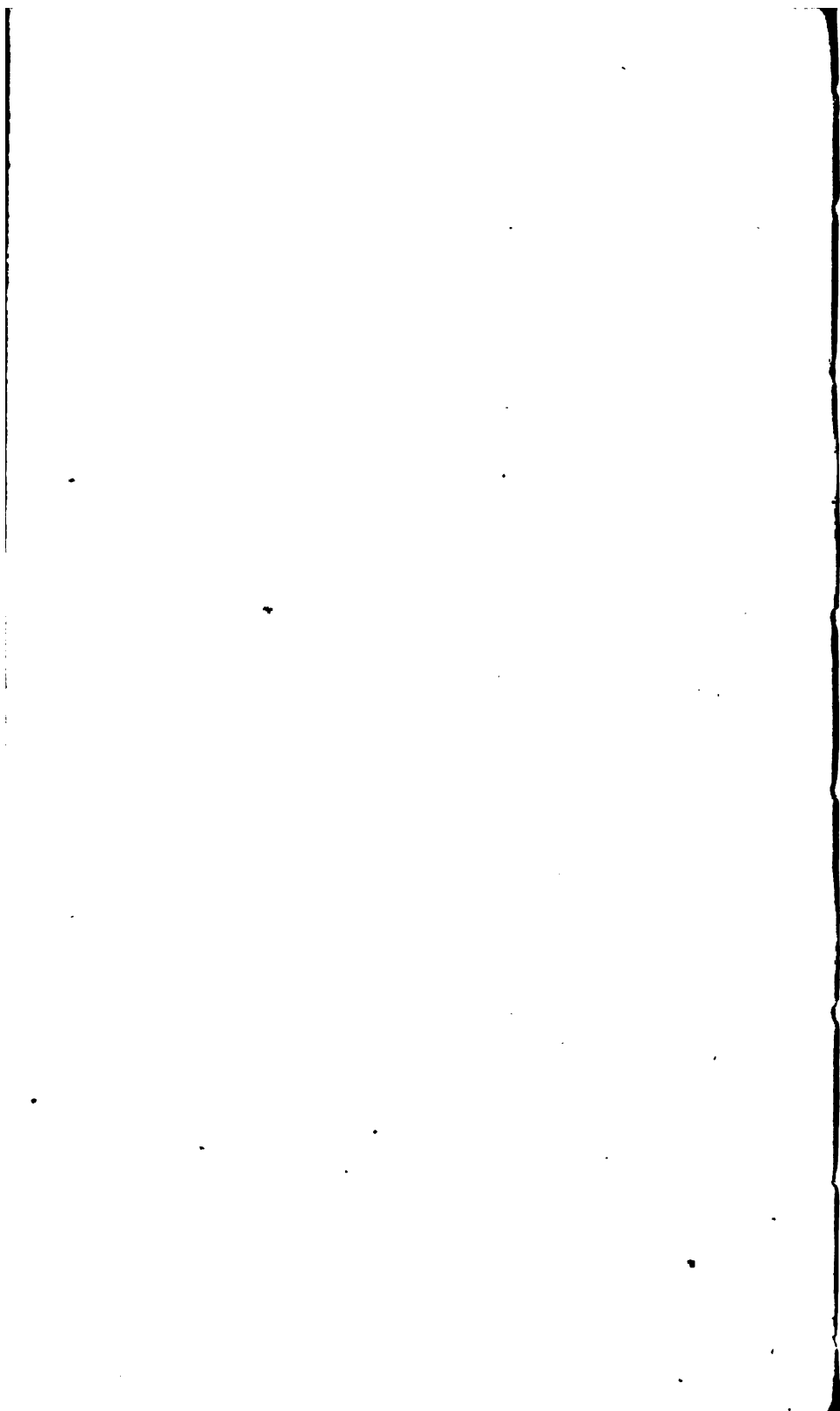


VIA  
*Æsculus hippocastanum.*  
The common Horsechestnut.

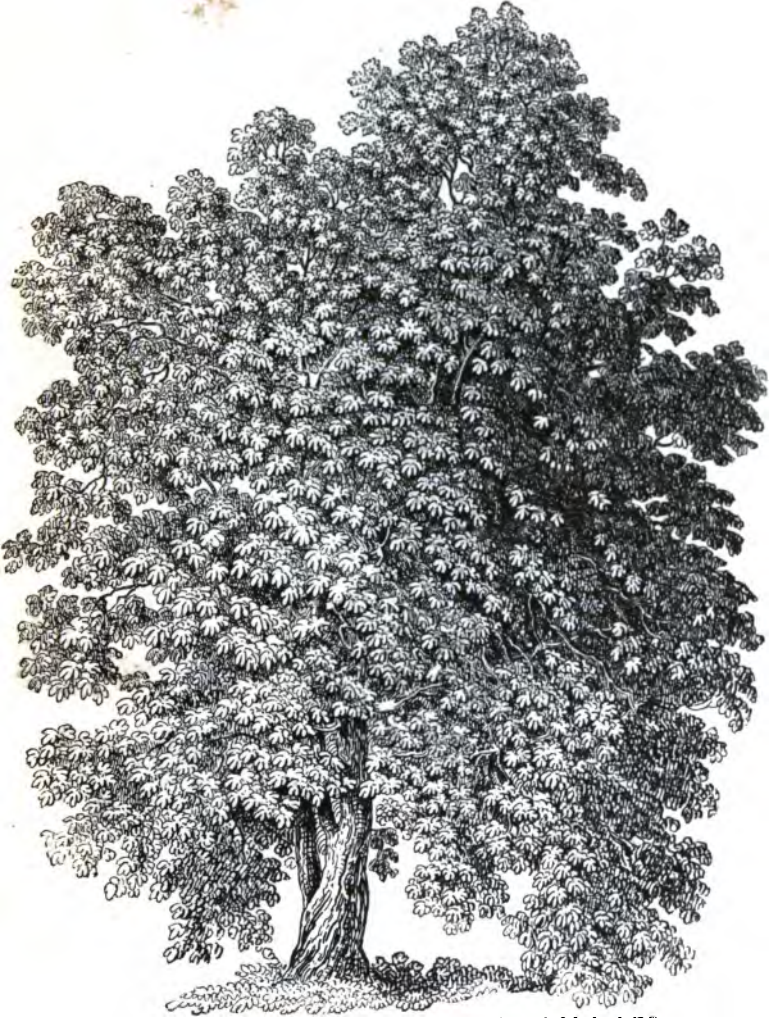


Printed from *Bot. Beech & Dogwood*

10 1/2\"/>

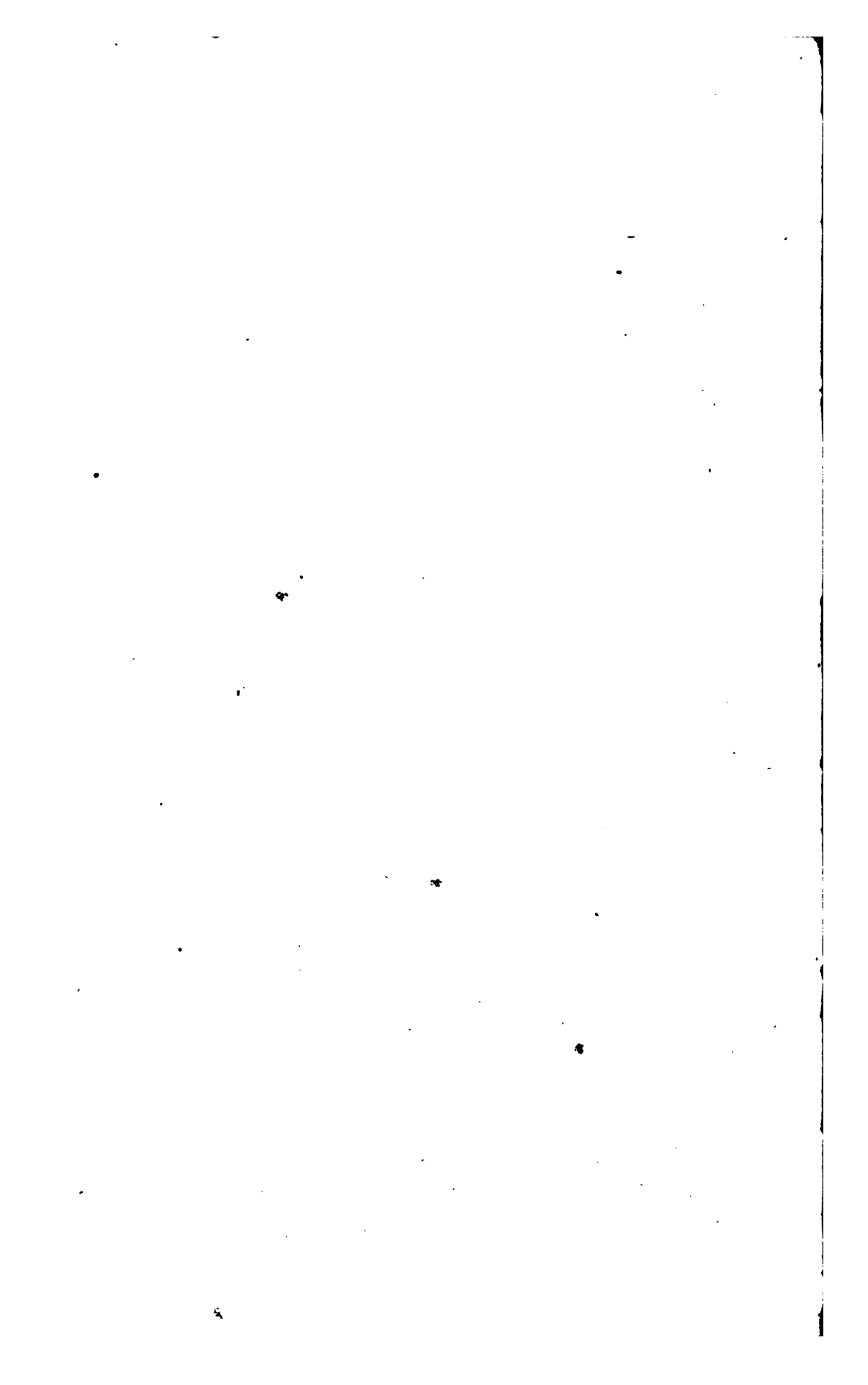


*Æsculus Hippocástanum.*  
The common Horse-Chestnut.

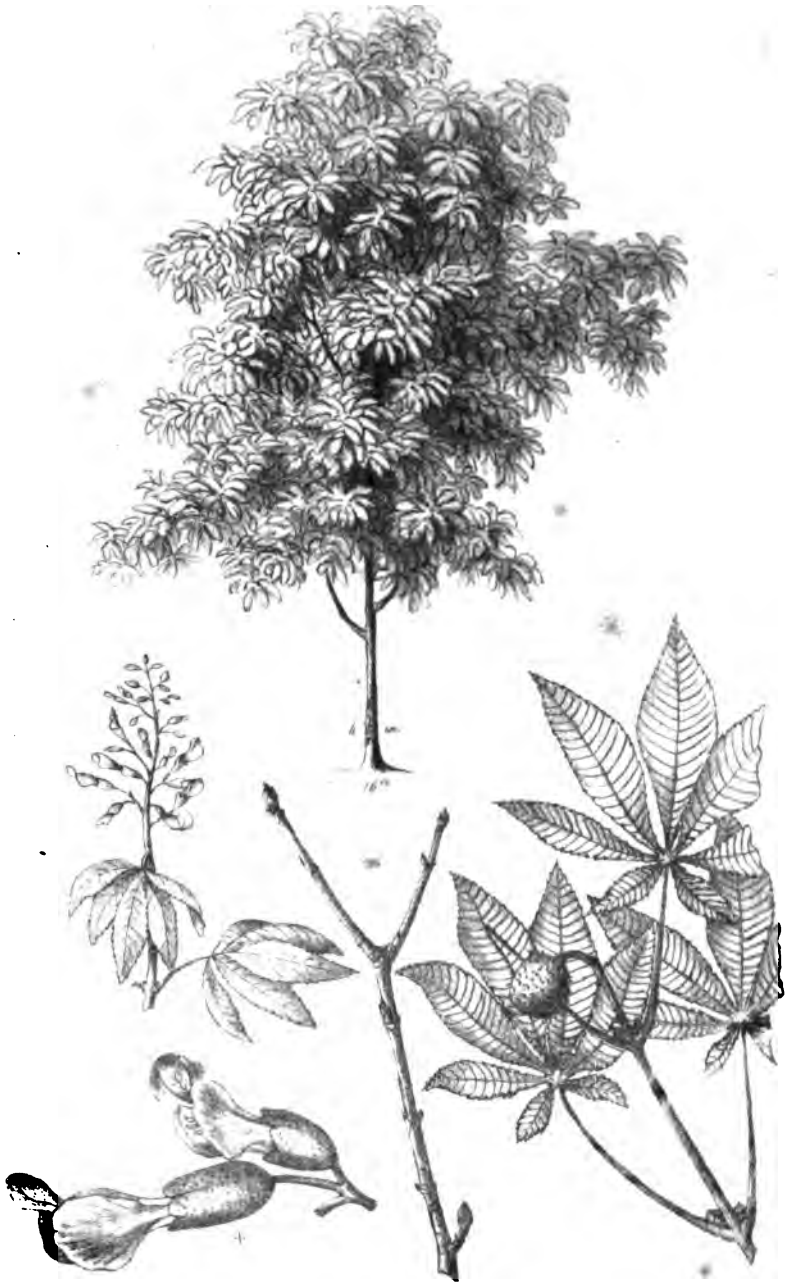


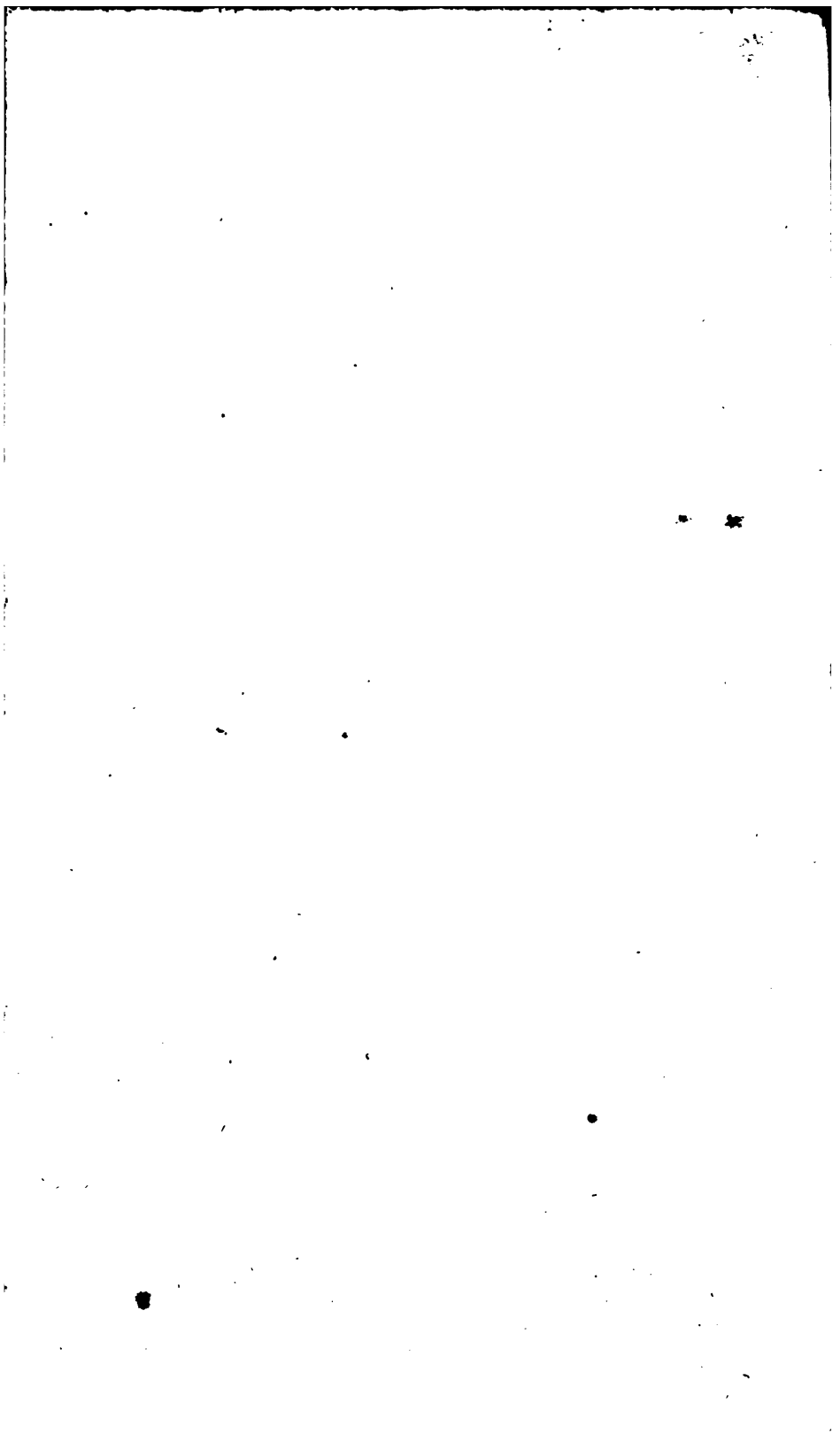
Full-grown tree at Forty Hill, Enfield, 62 ft high; diam. of the trunk, 4 ft.; and of the head, 48 ft.  
[Scale 1 in. to 12 ft.]





*Æsculus cárnea.*  
The flesh-coloured-flowered Horsechestnut.





*Ailántus glandulosa.*  
The glandulous-leaved Ailantus.



32 ft. high, 8 in. diam.

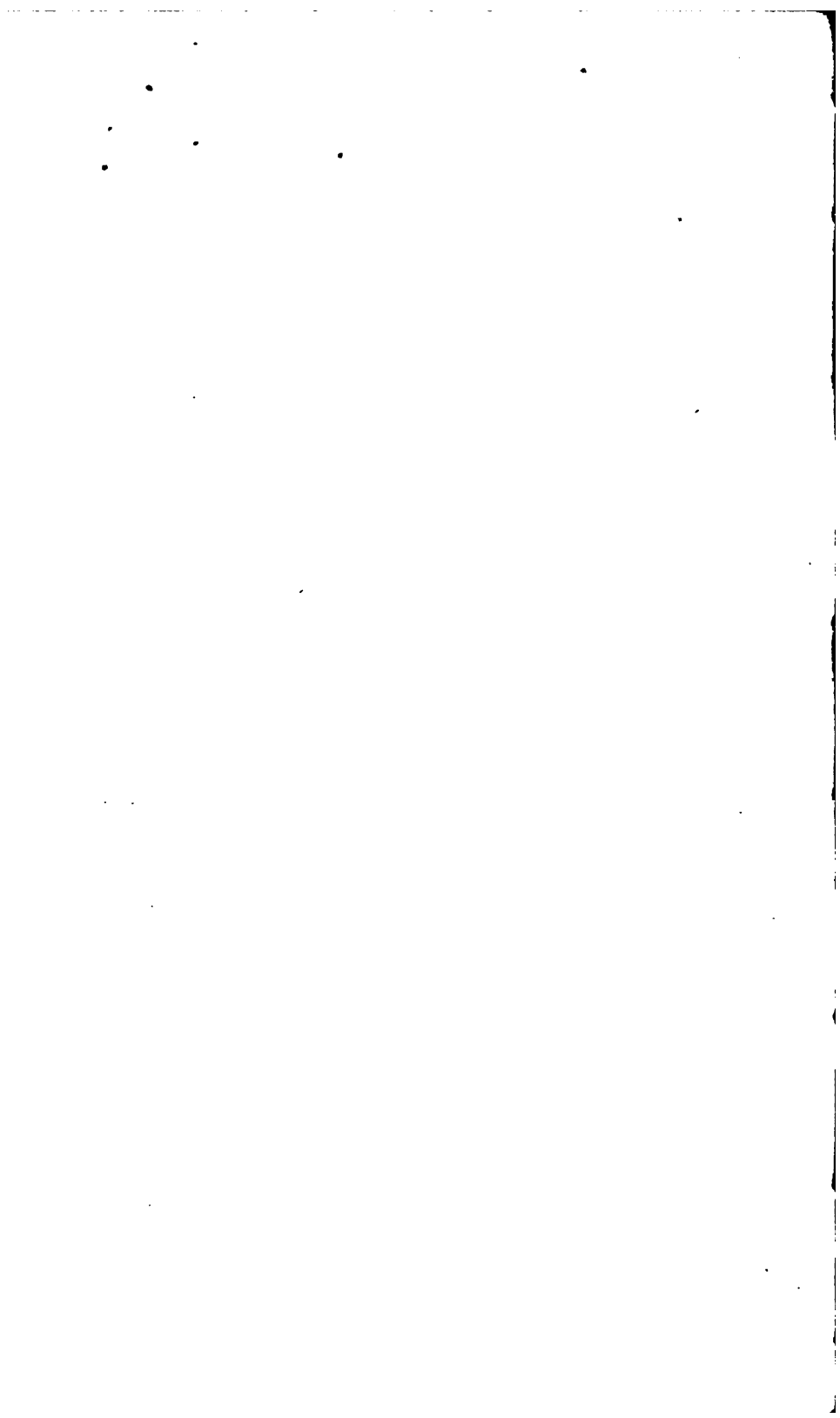




*Ailántus glandulosa.*  
The glandulous-leaved Ailantus.



Full-grown tree at Syon, 71 ft. high.  
[Scale 1 in. to 12 ft.]

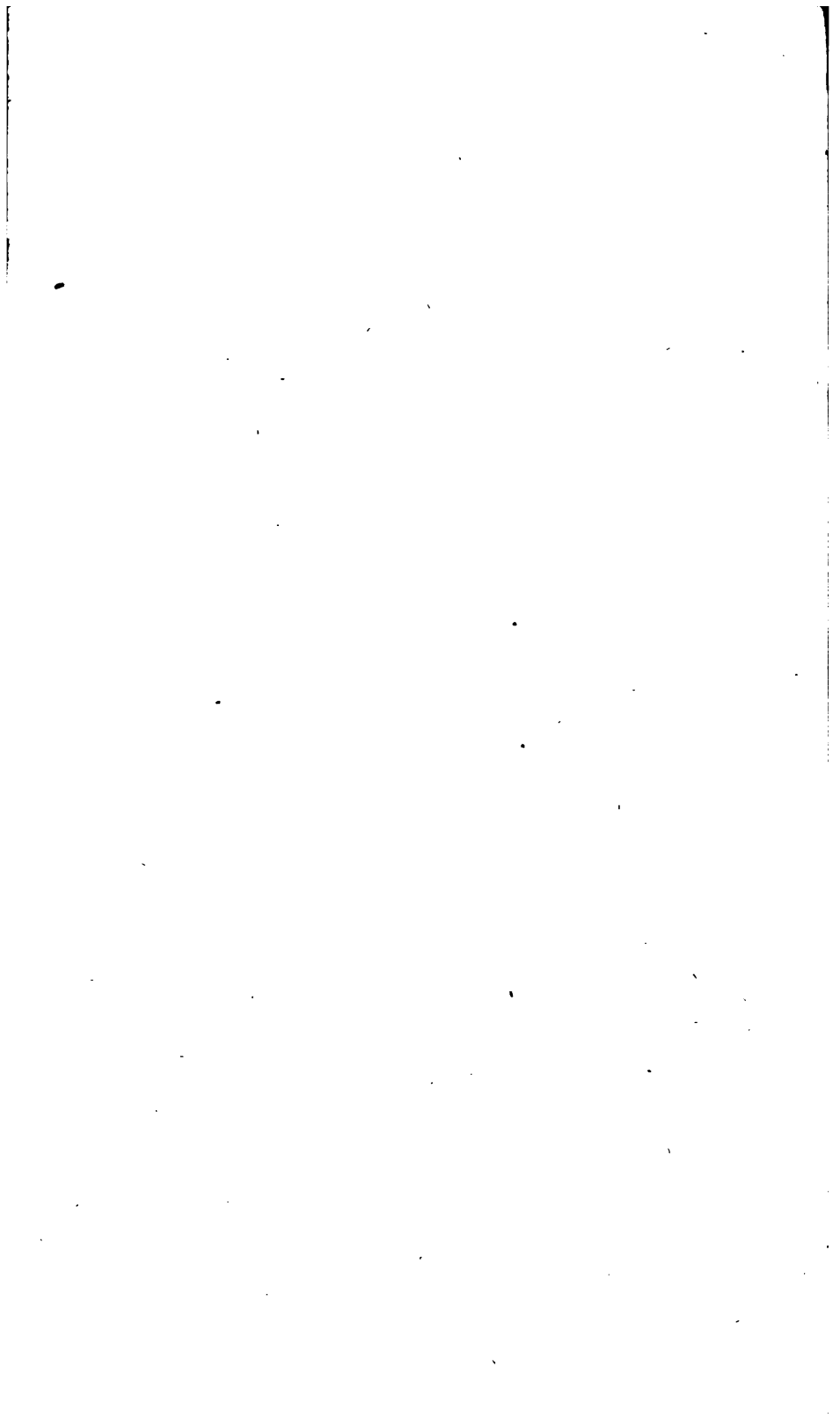


*Aristotèlia Mácqui.*  
The Macqui Aristotelia.

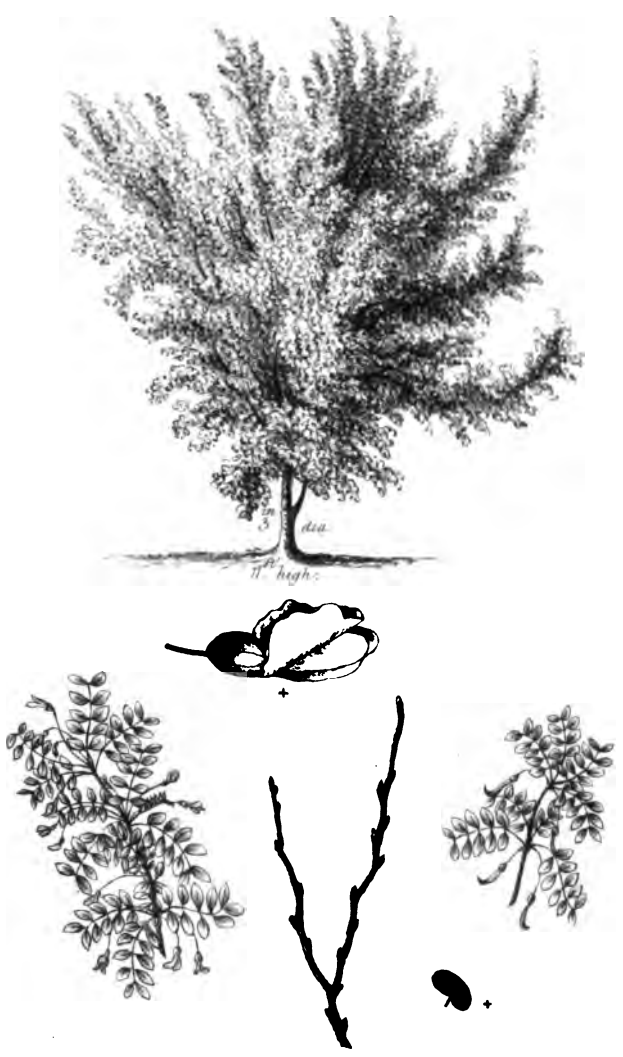


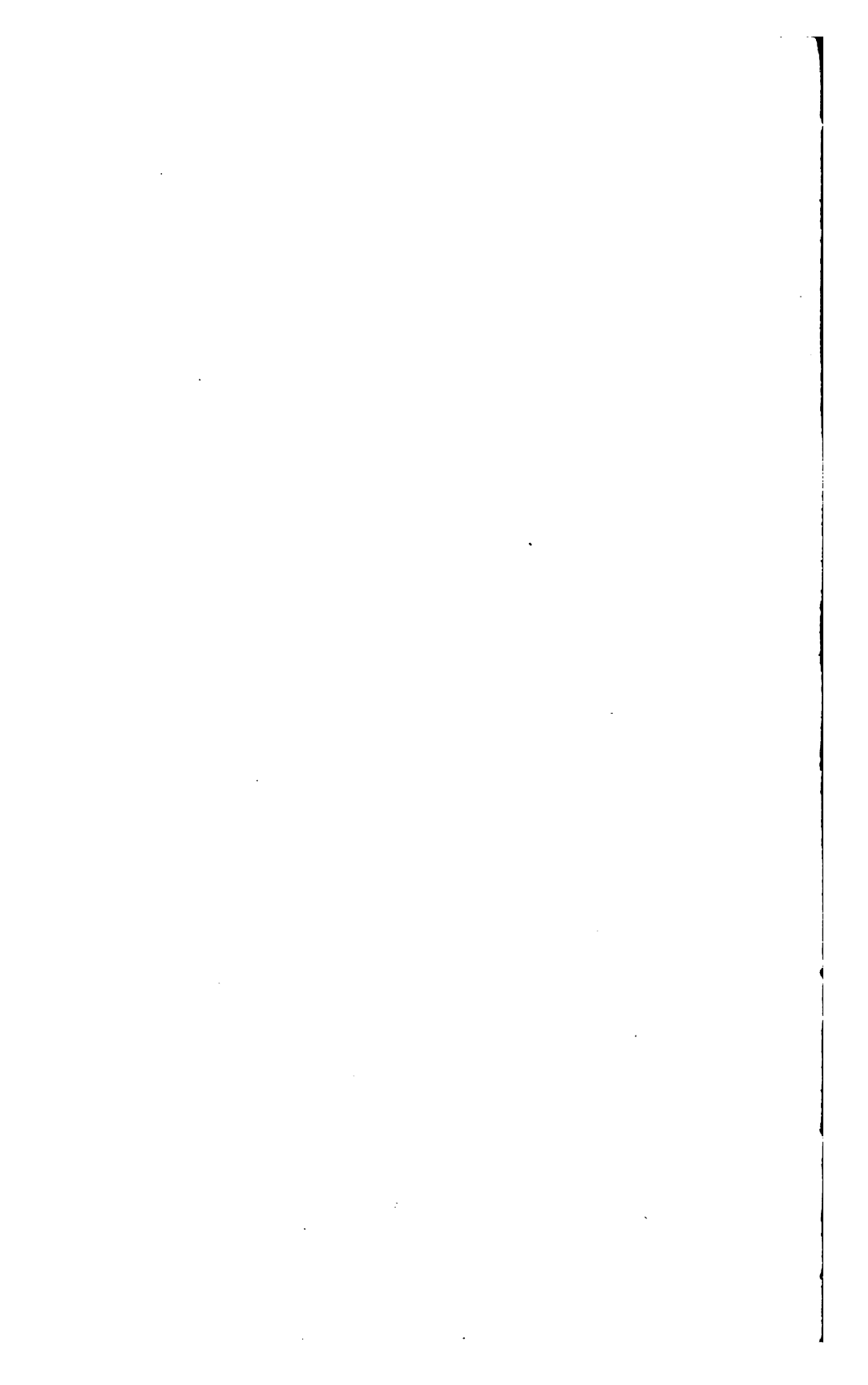
10 ft. high, 1½ in. diam.





XXII. A  
*Caragána arboréscens.*  
The arborescent Siberian Pea tree.





XXV.A.  
*Cercis Siliquastrum.*  
The common Judas tree.





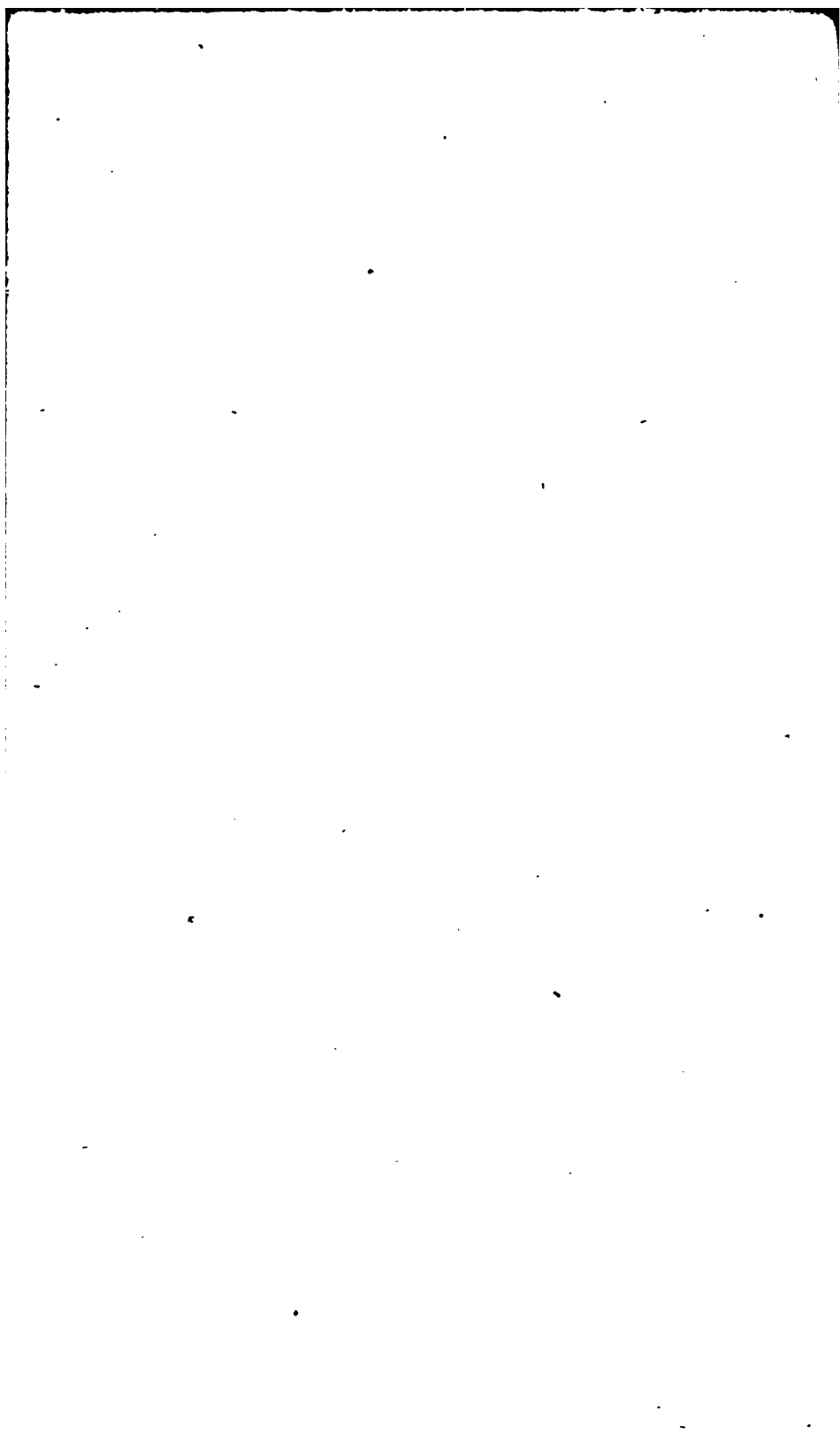


*Cercis Siliquastrum.*  
The *common Judas tree.*



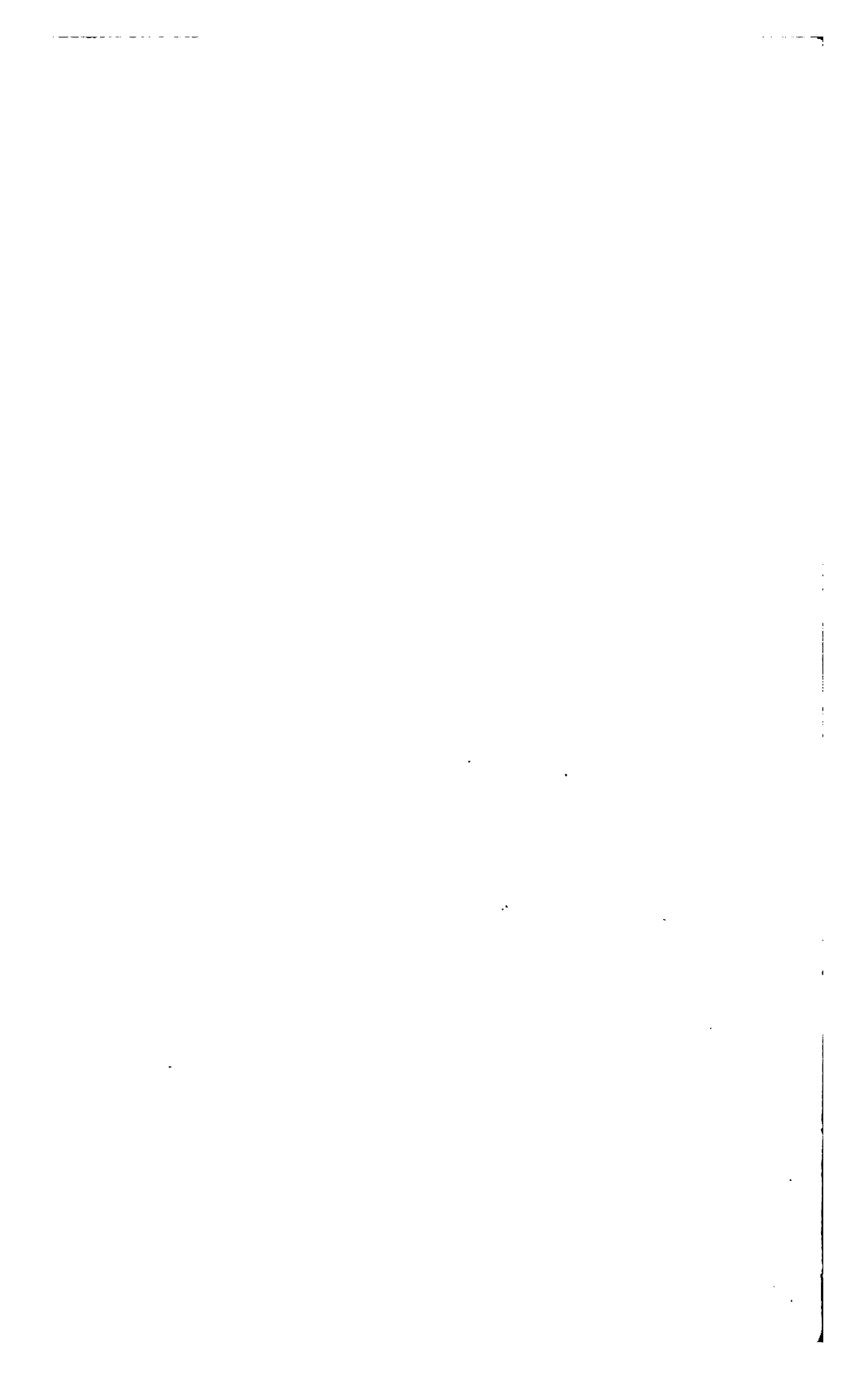
Full grown tree at Syon, 24 ft. high ; diam. of the trunk, 3 ft. ; and of the head, 23 ft.  
[Scale 1 in. to 12 ft.]





*Cytisus alpinus.*  
The alpine Cytisus, or Scotch Laburnum.





*Cytisus L. alpinus pëndulum.*  
The pendulous Alpine, or Scotch, Laburnum.

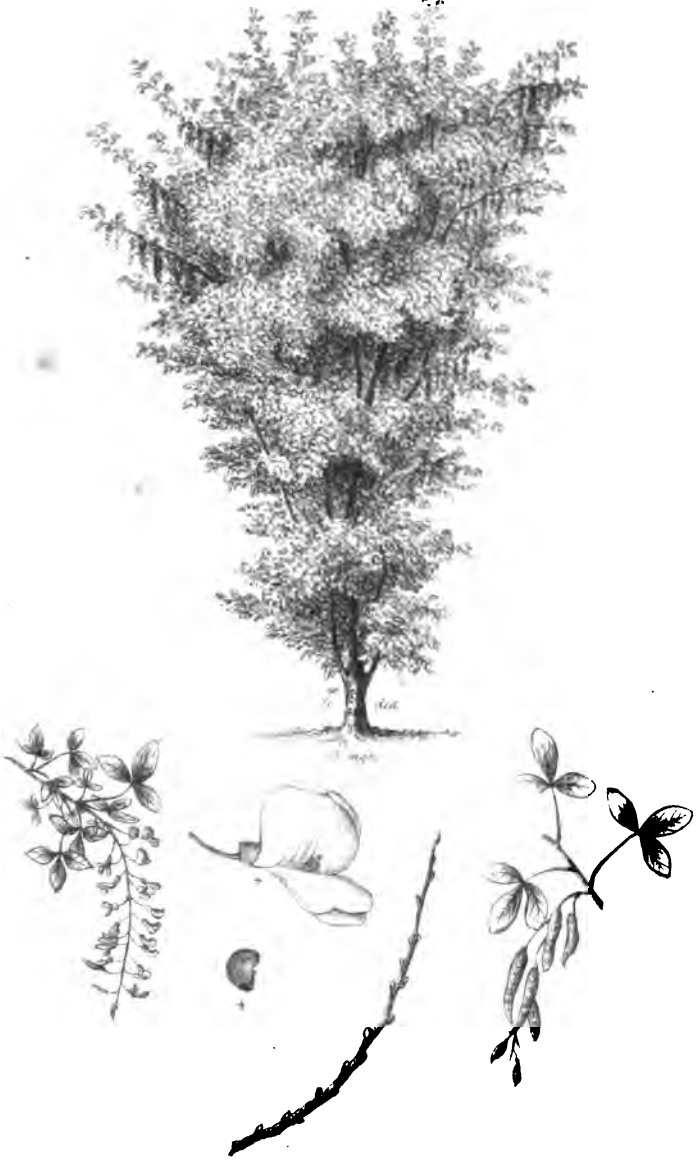


12 ft. high, 2½ in. diam.





*Cytisus Laburnum.*  
The common Laburnum.

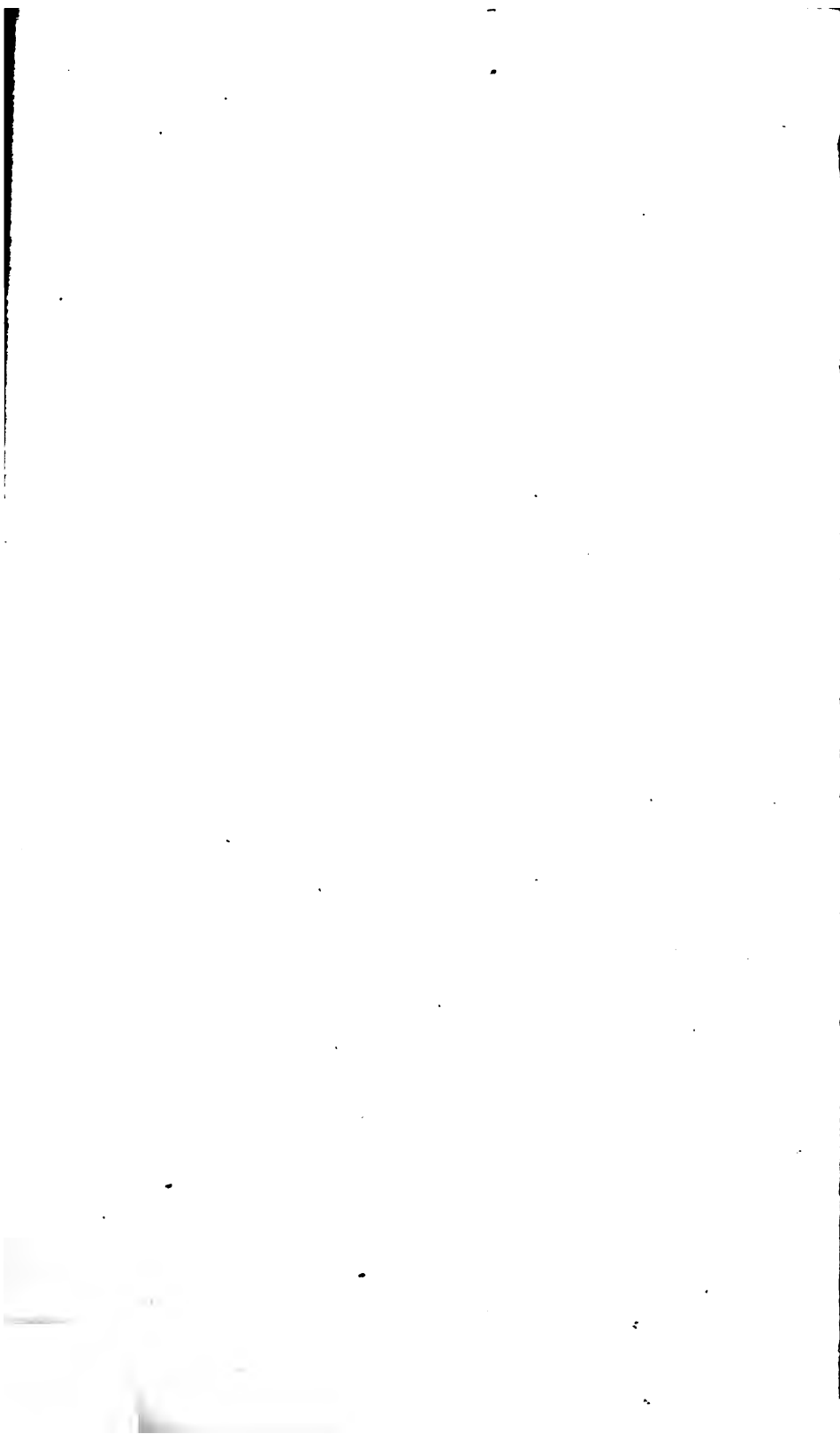






*Cytisus Laburnum incisum.*  
The cut-leaved Laburnum.

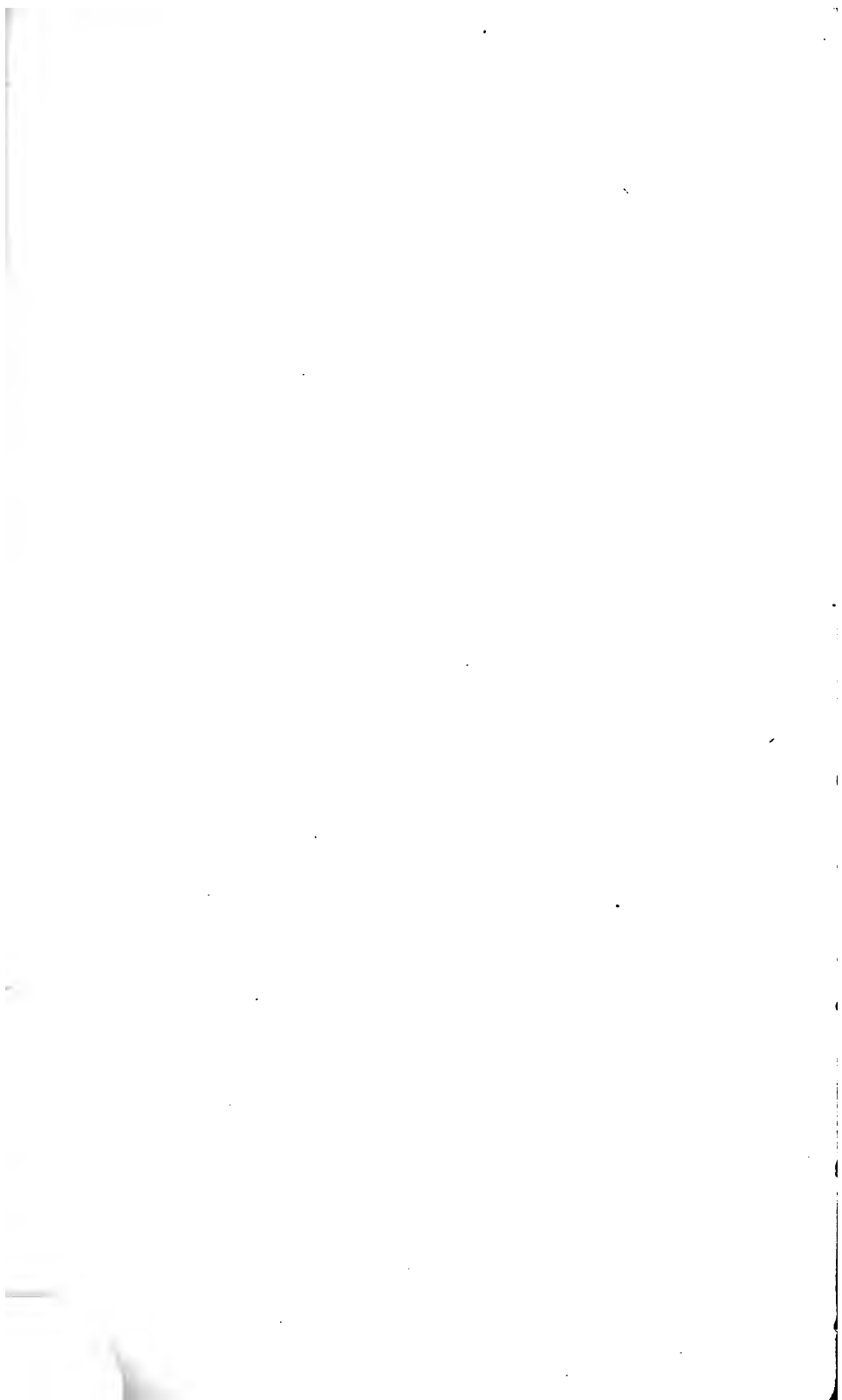




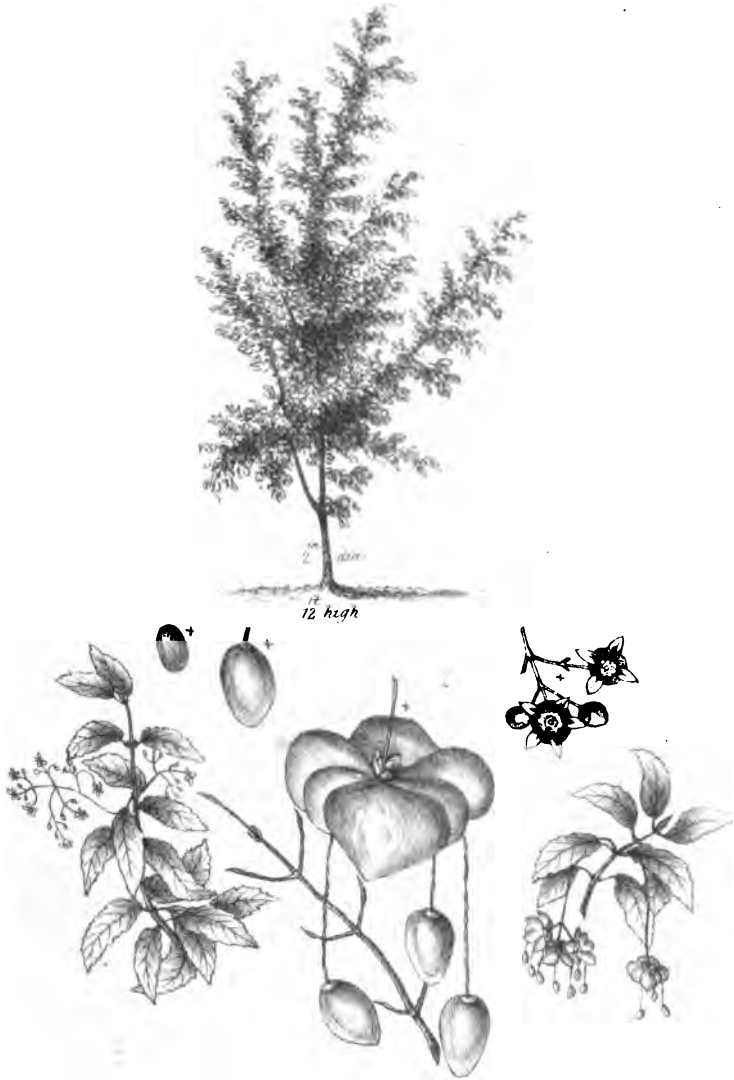
*Eucalyptus europæica*.  
The European, or common Spindle tree.



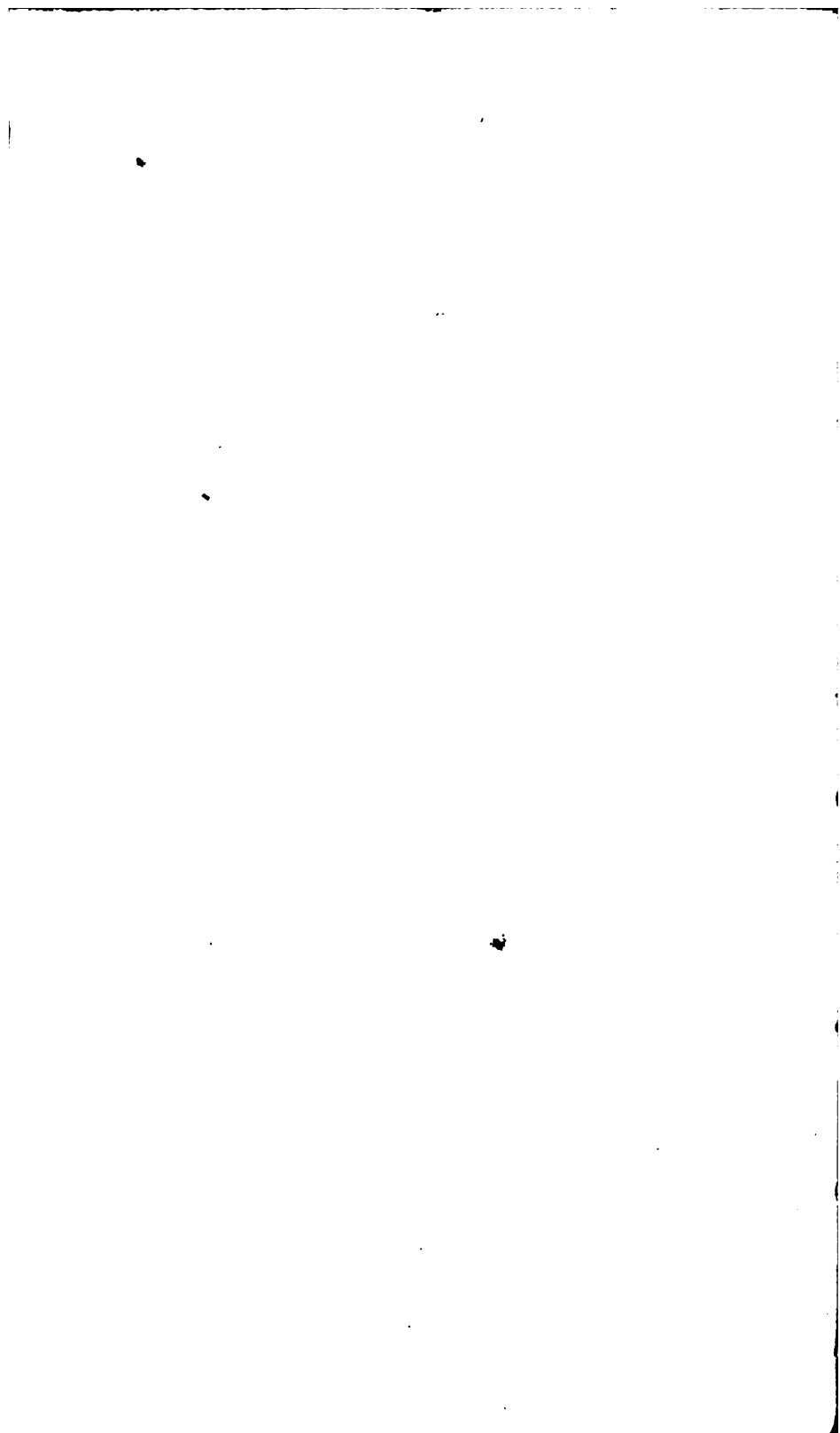
*Eucalyptus europæica*, Spindle tree.



*Eucalyptus latifolia*.  
The broad-leaved Spindle tree.



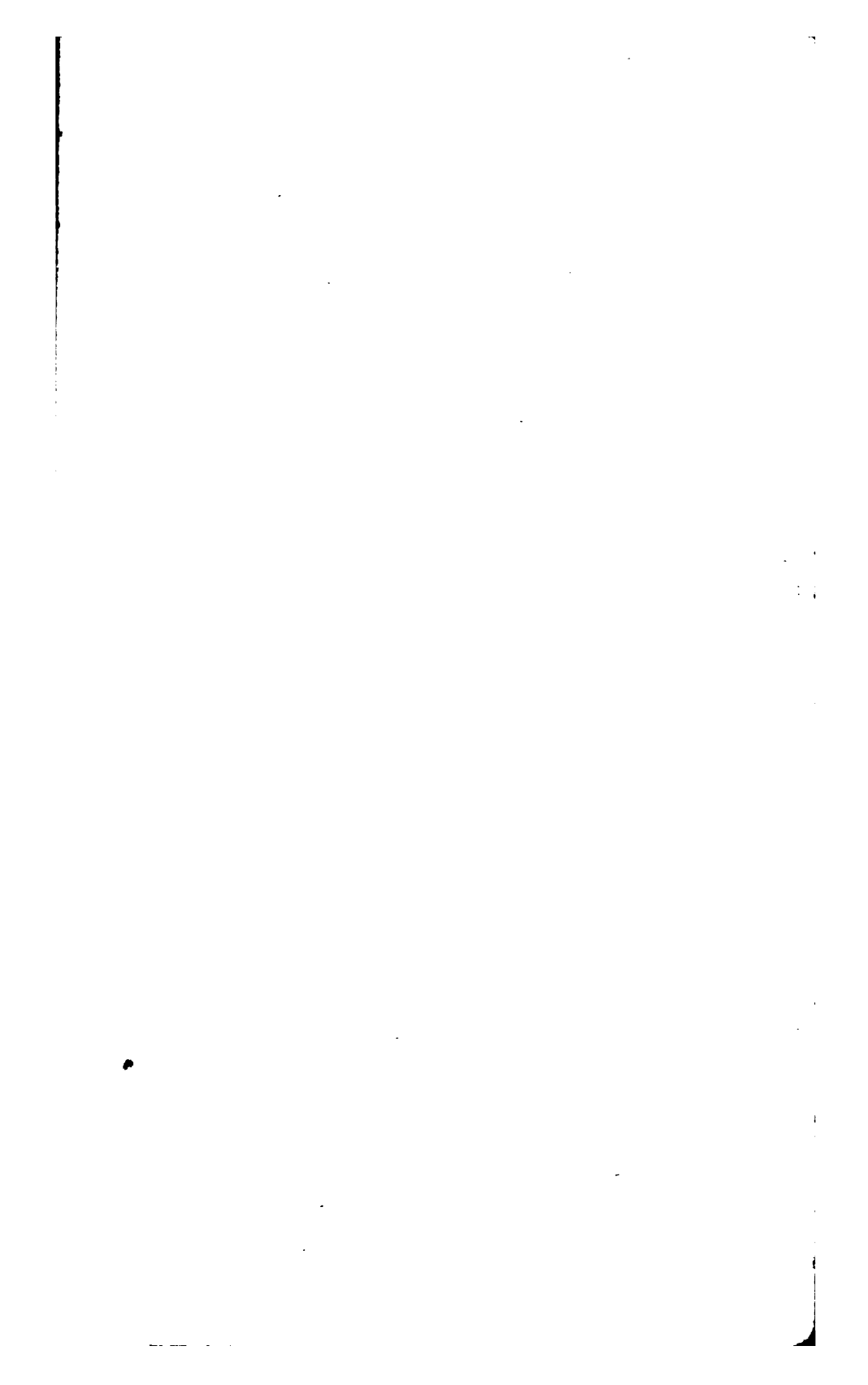
Printed from Zuccarini's *Flora*.



*Gleditsia (triacanthos) inermis.*

The unarmed or thornless Gleditschia, or Honey Locust.



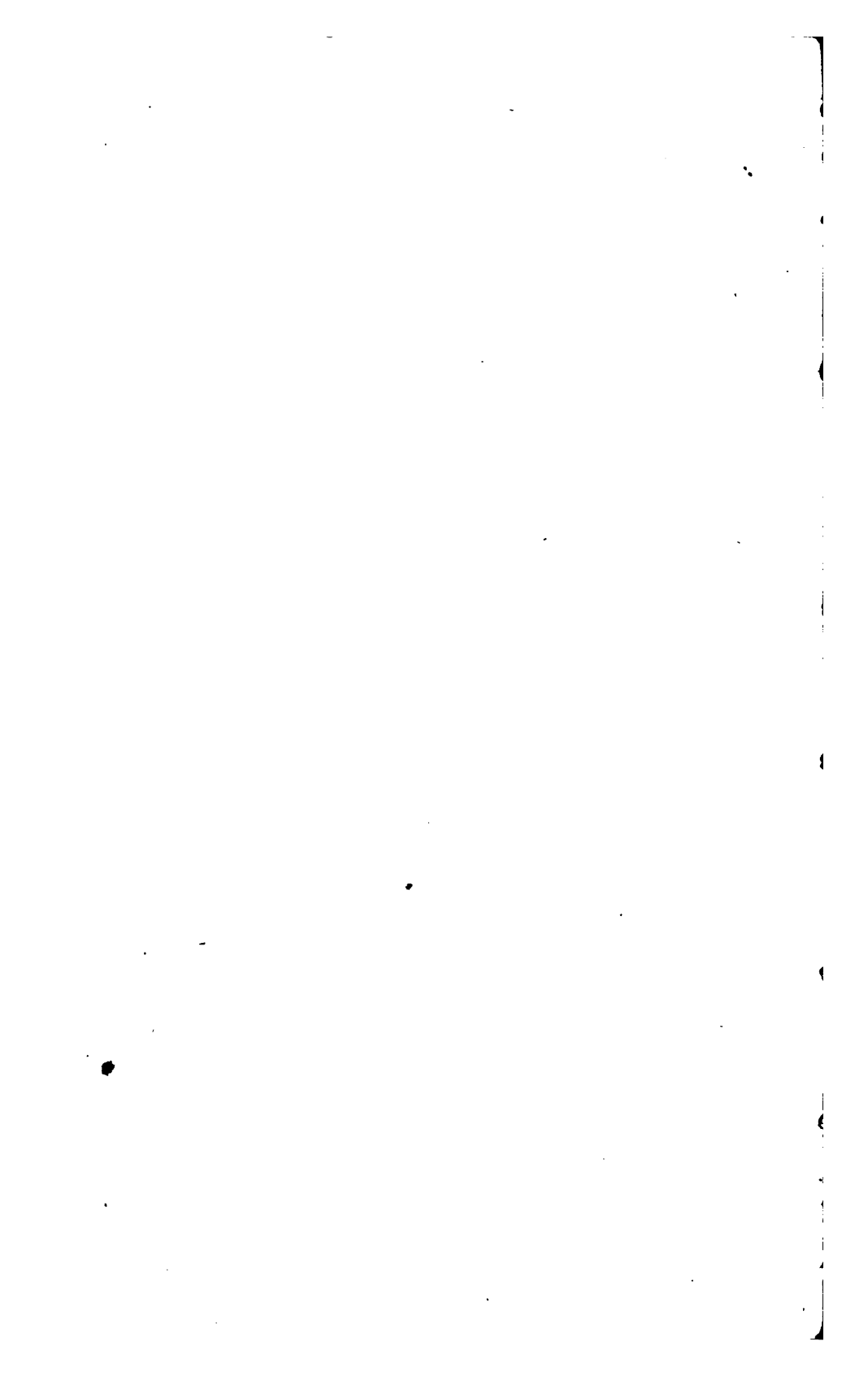




*Gleditsia inermis.*The unarmed *Gleditschia*, or *Honey Locust Tree*.

Full grown tree at Syon, 72 ft. high; trunk, 2 ft. 4 in. diam.; head, 71 ft. diam.  
[Scale 1 in. to 12 ft.]





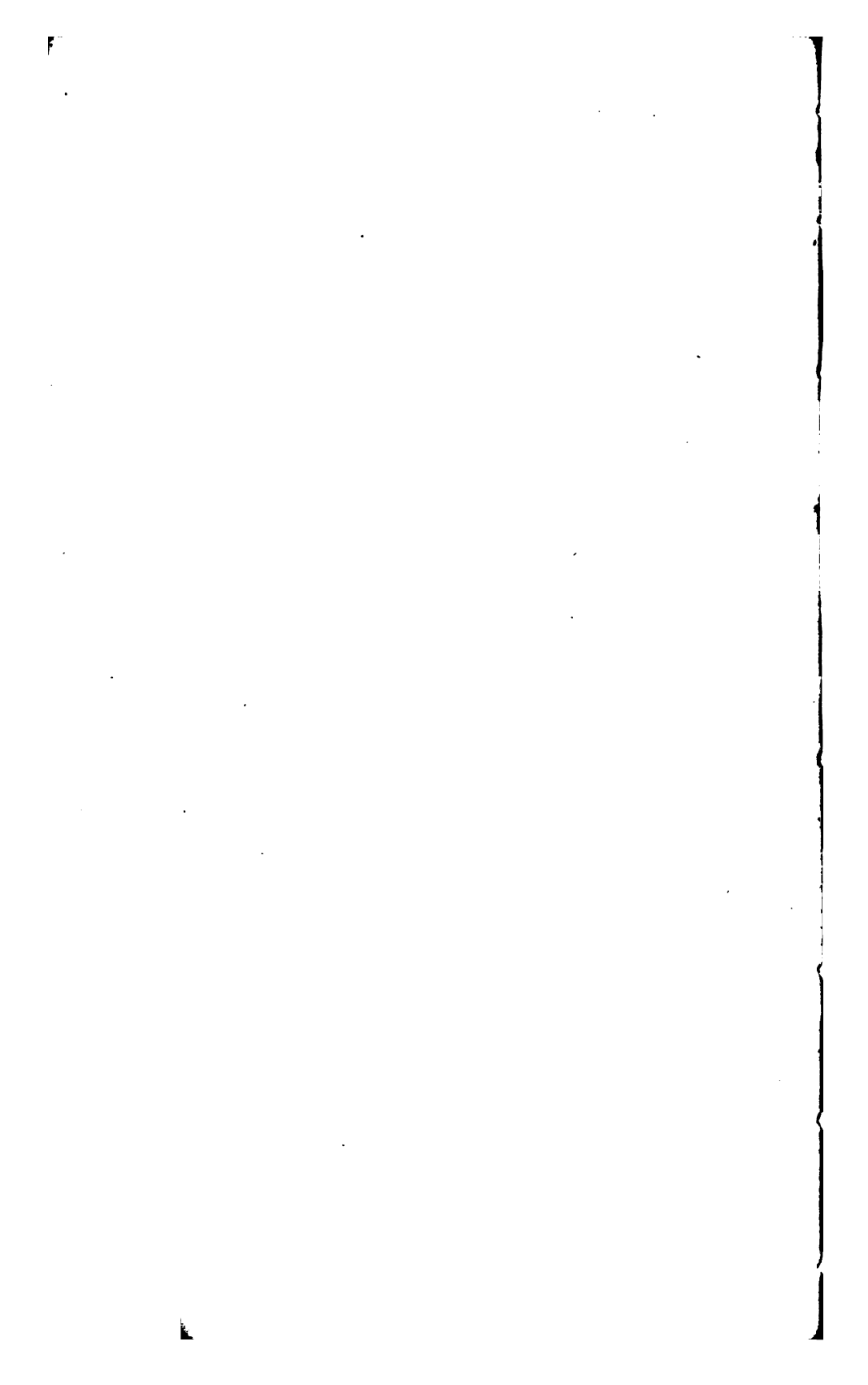
*Gleditschia macracantha.*

The long-spined *Gleditschia*, or *Honey Locust*.



Full-grown tree at Syon, 67 ft. high; diam. of the trunk, 3 ft.; and of the head, 68 ft.  
[Scale 1 in. to 12 ft.]



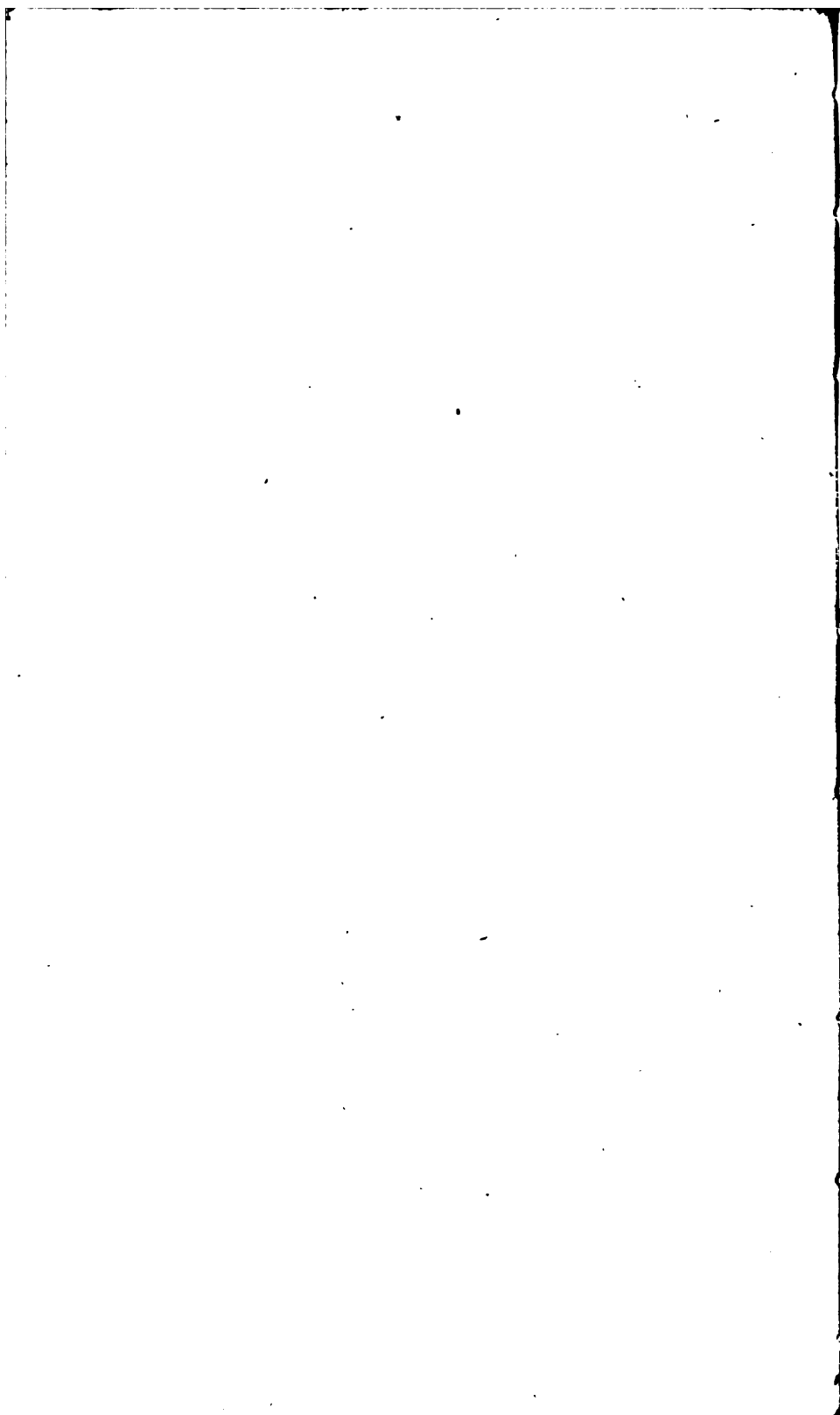


*Gleditschia japonica.*  
The Japan Gleditschia.



10 ft. high, 2½ in. diam.





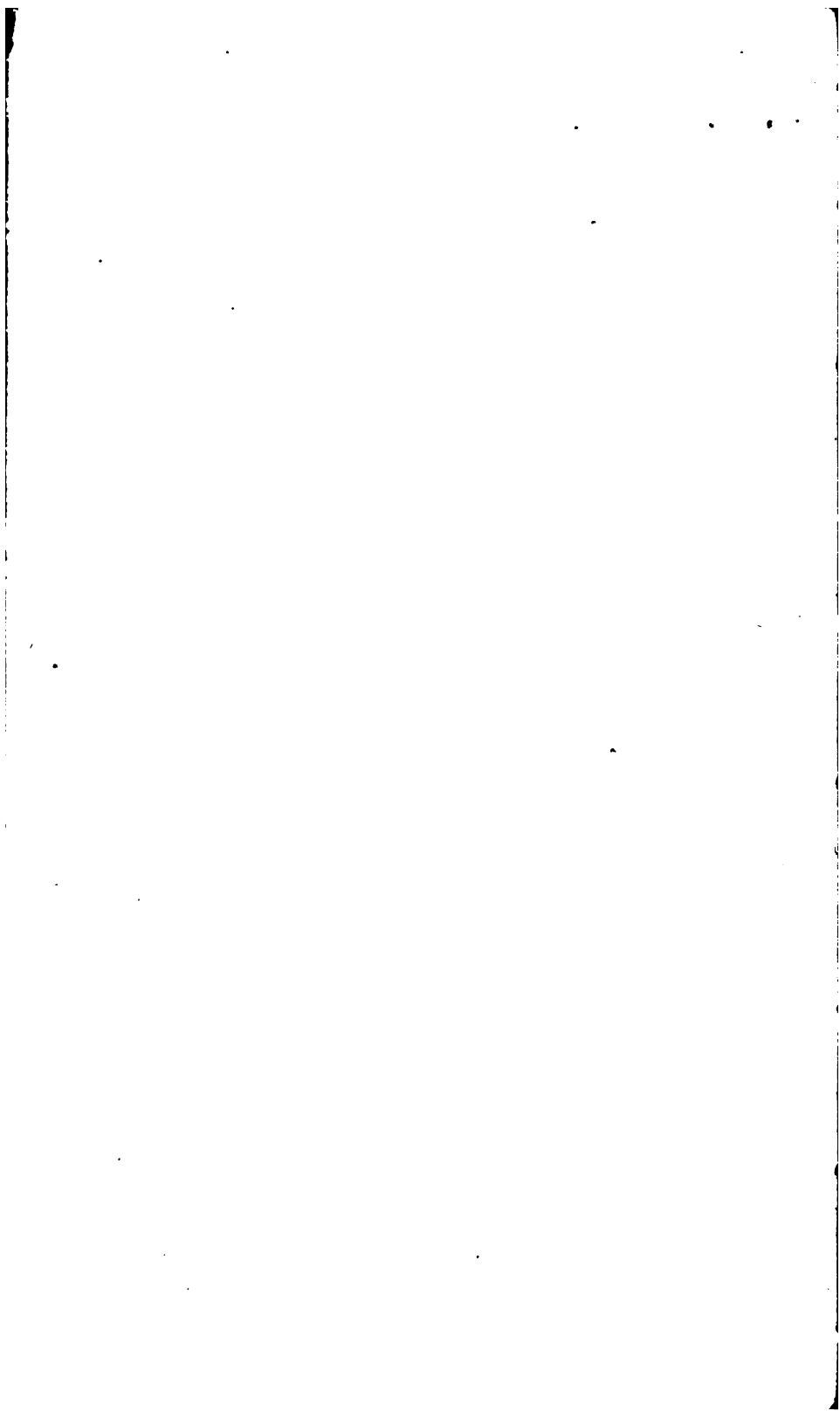
*Gleditsia hórrida.*

The horrid-spined *Gleditschia*, or *Honey Locust*.



Full-sized tree from Syon; 64 ft. high; trunk, 3 ft. diam.; diam. of the head, 64 ft.







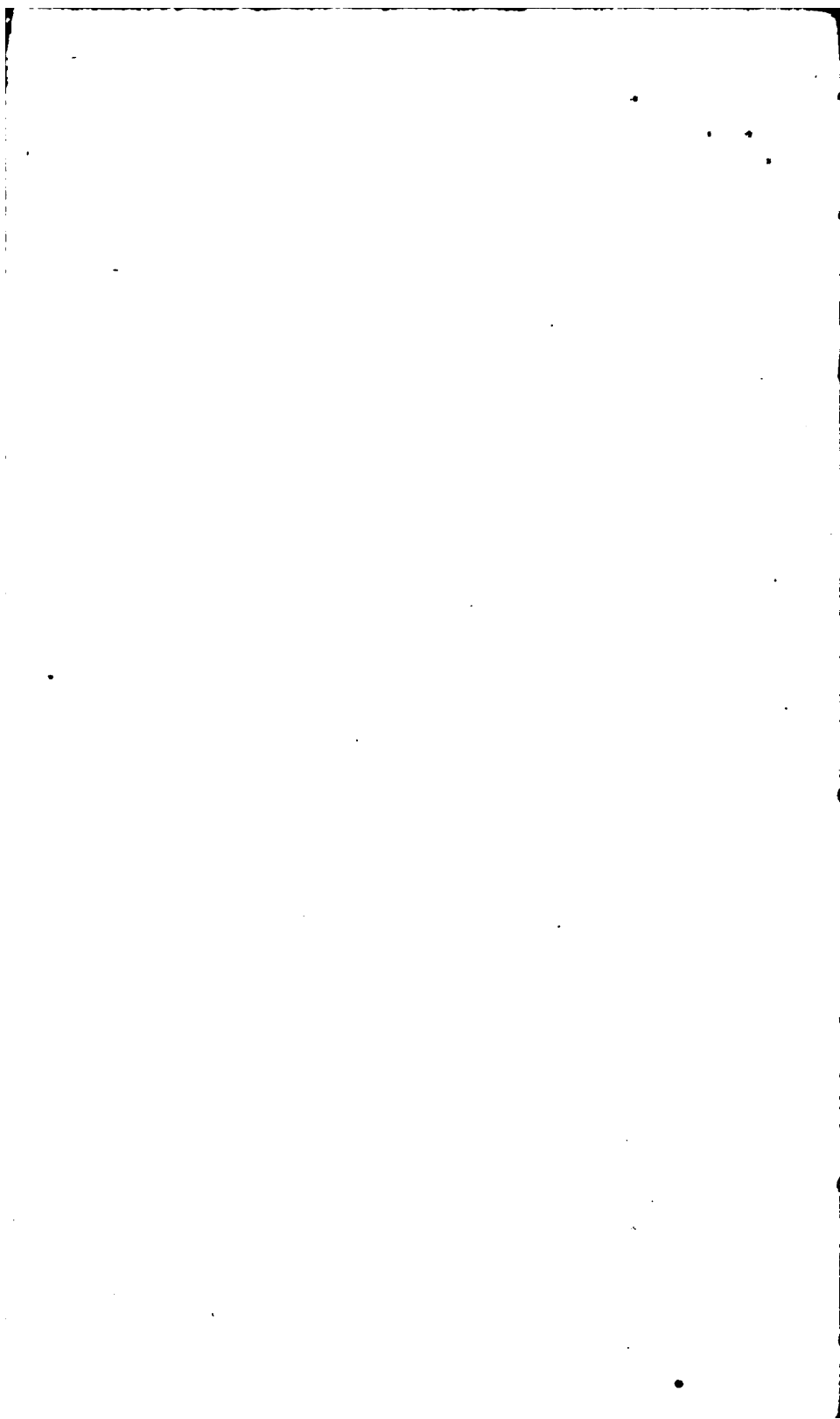
*Gleditschia hórrida purpúrea.*

The purple horridly-spined *Gleditschia*, or *Honey Locust*.

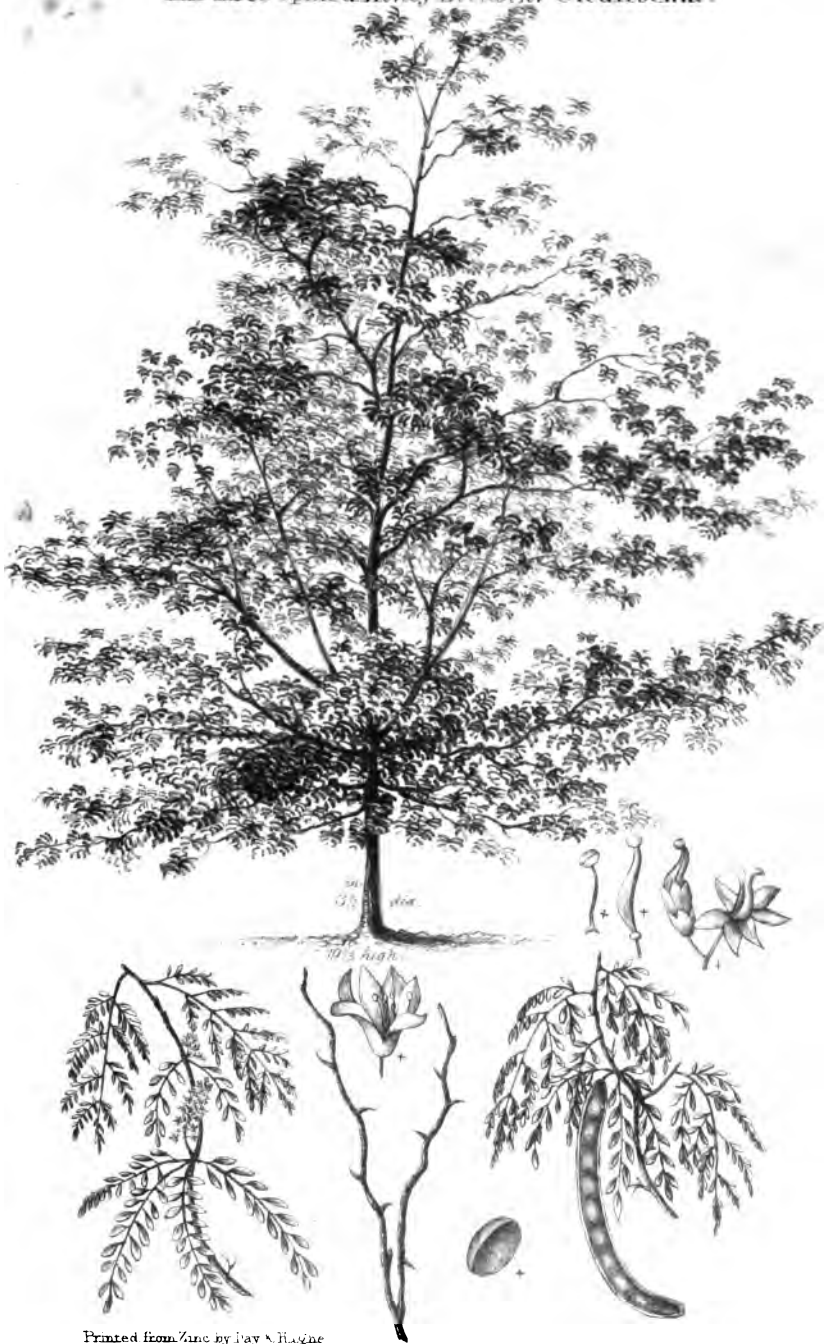


13 ft. high, 2 in. diam.

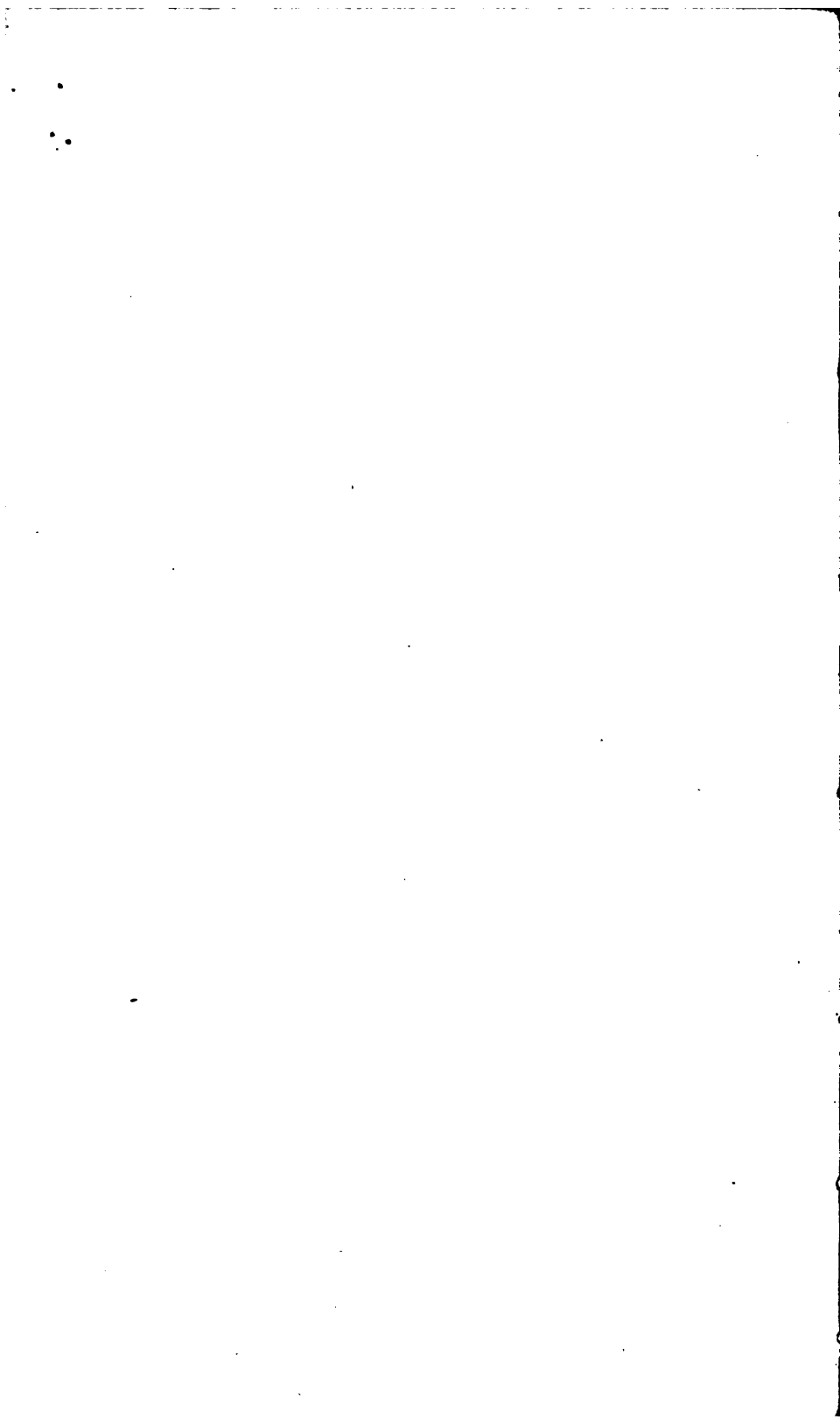




*Gleditsia triacanthos.*  
The three-spined *Honey Locust*, or *Gleditschia*.



Printed from Zinc by Fay & Hauger

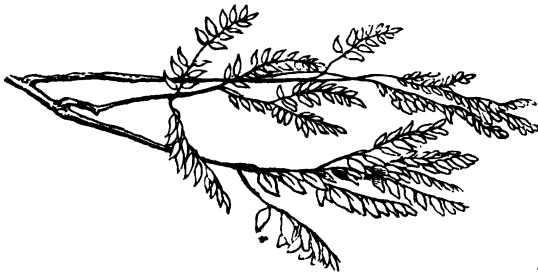


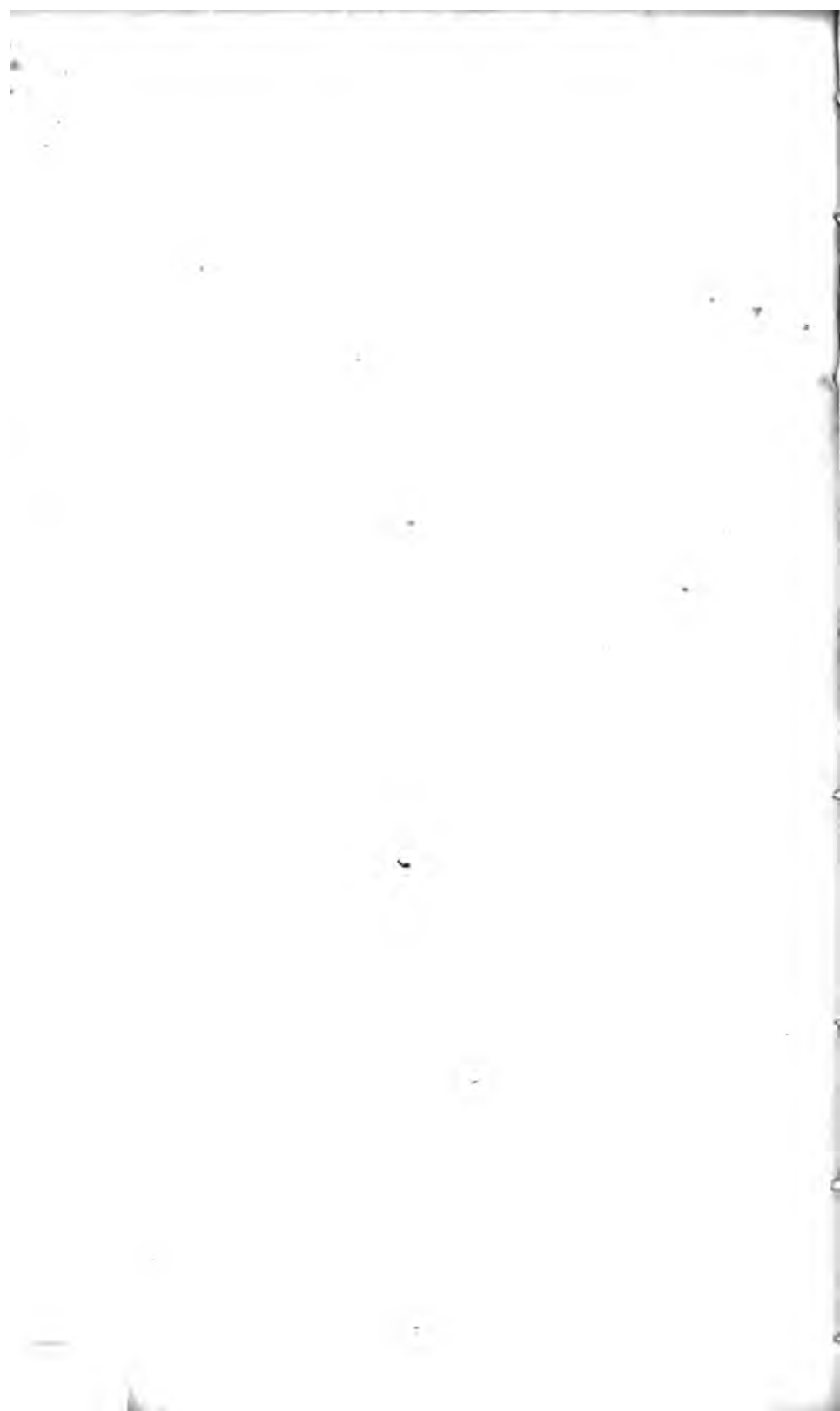
*Gleditsia triacanthos.*

The three-thorned Gleditschia, or Honey Locust.

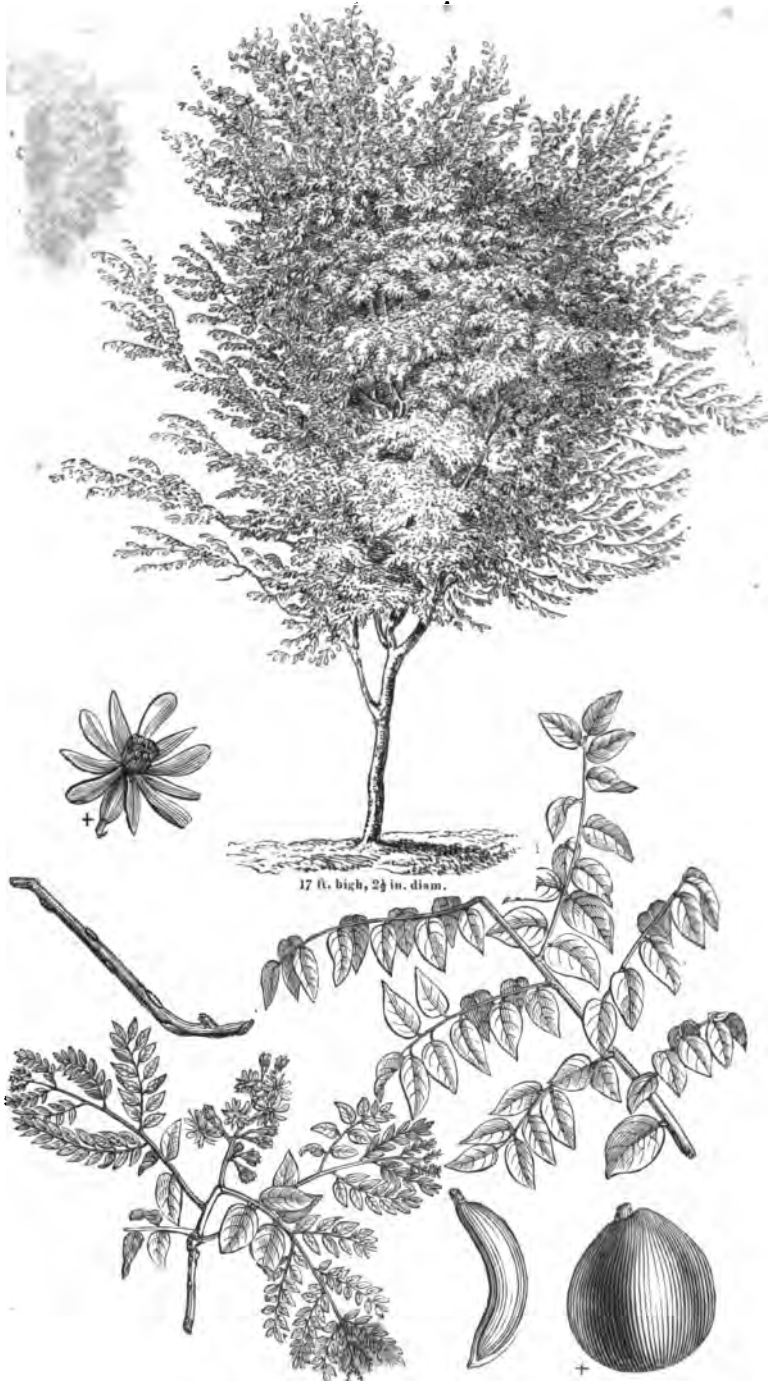


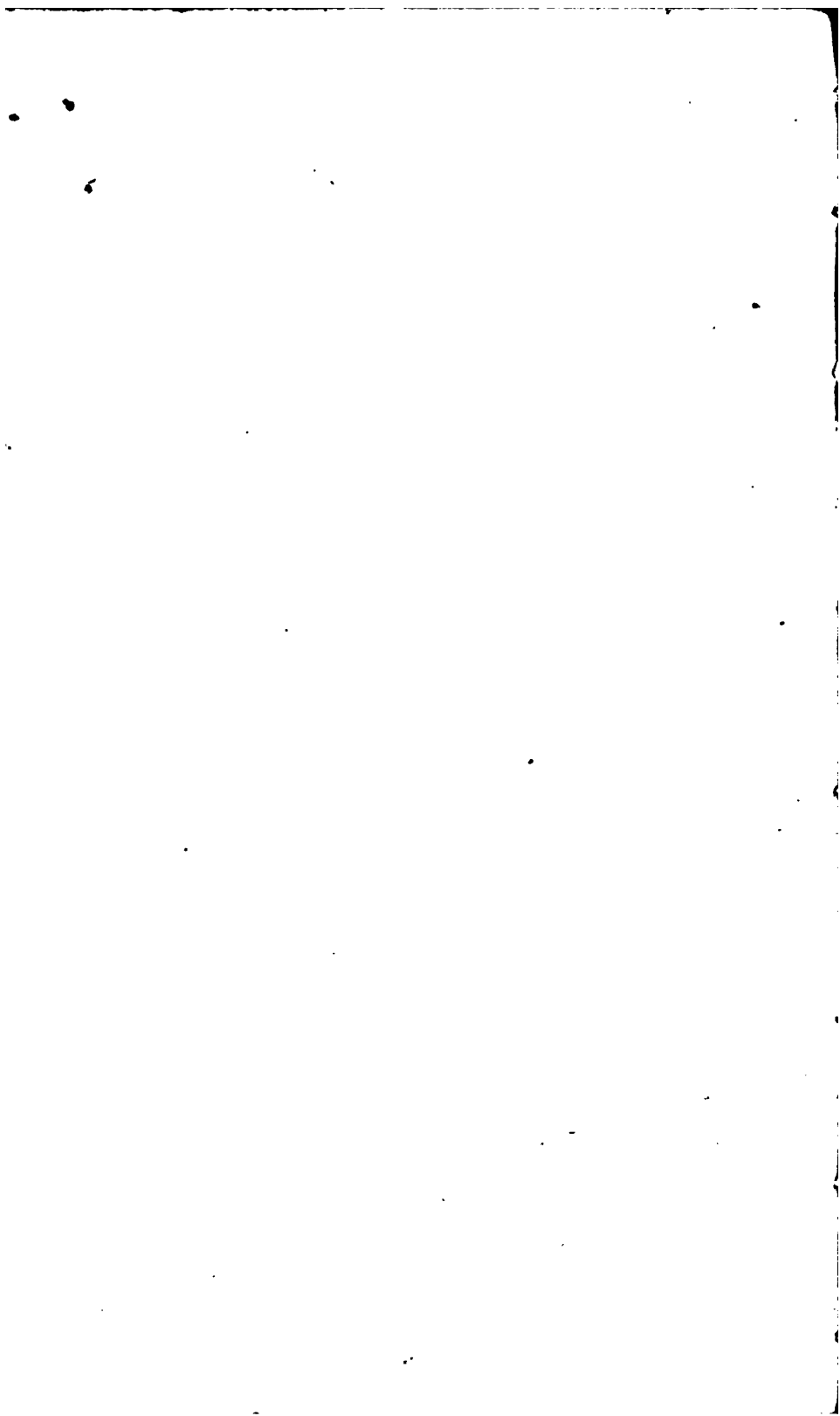
Full-grown tree at Syon, 68 ft. high; diam. of the trunk, 2 ft. 3 in.; and of the head, 40 ft.  
[Scale 1 in. to 12 ft.]





*Gymnocladus canadensis.*  
The Canadian Gymnocladus, or Kentucky Coffee tree.







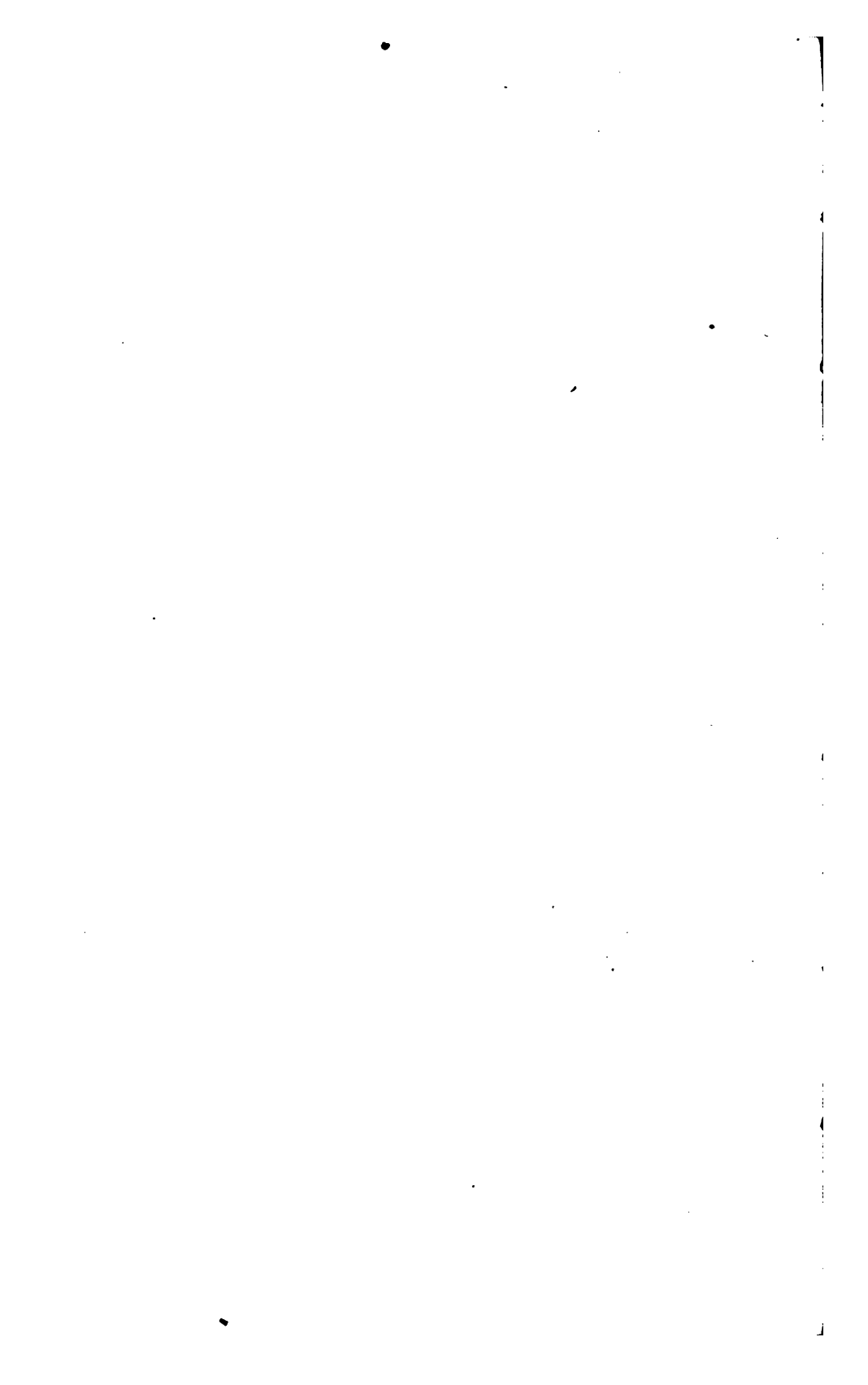
*Gymnocladus canadensis.*

The Canadian Gymnocladus, or *Kentucky Coffee tree.*



Full-grown tree at Syon; 87 ft. high; diam. of the trunk, 3 ft.; and of the head, 47 ft.  
[Scale 1 in. to 12 ft.]



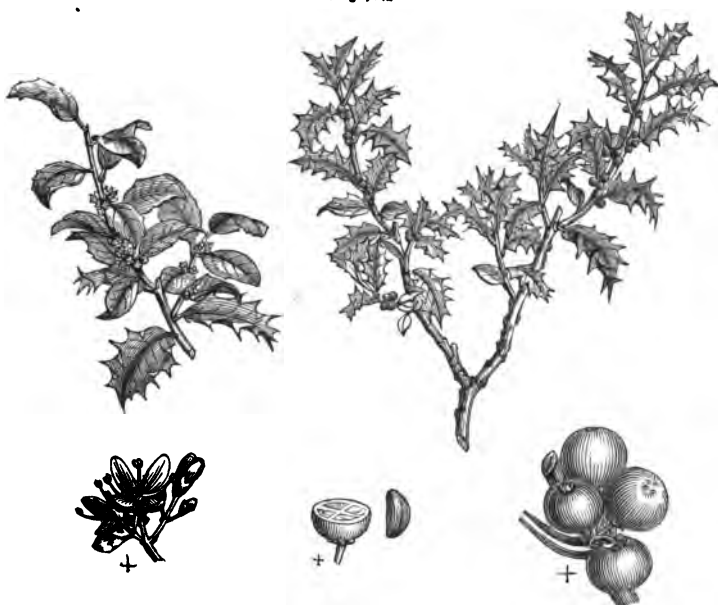


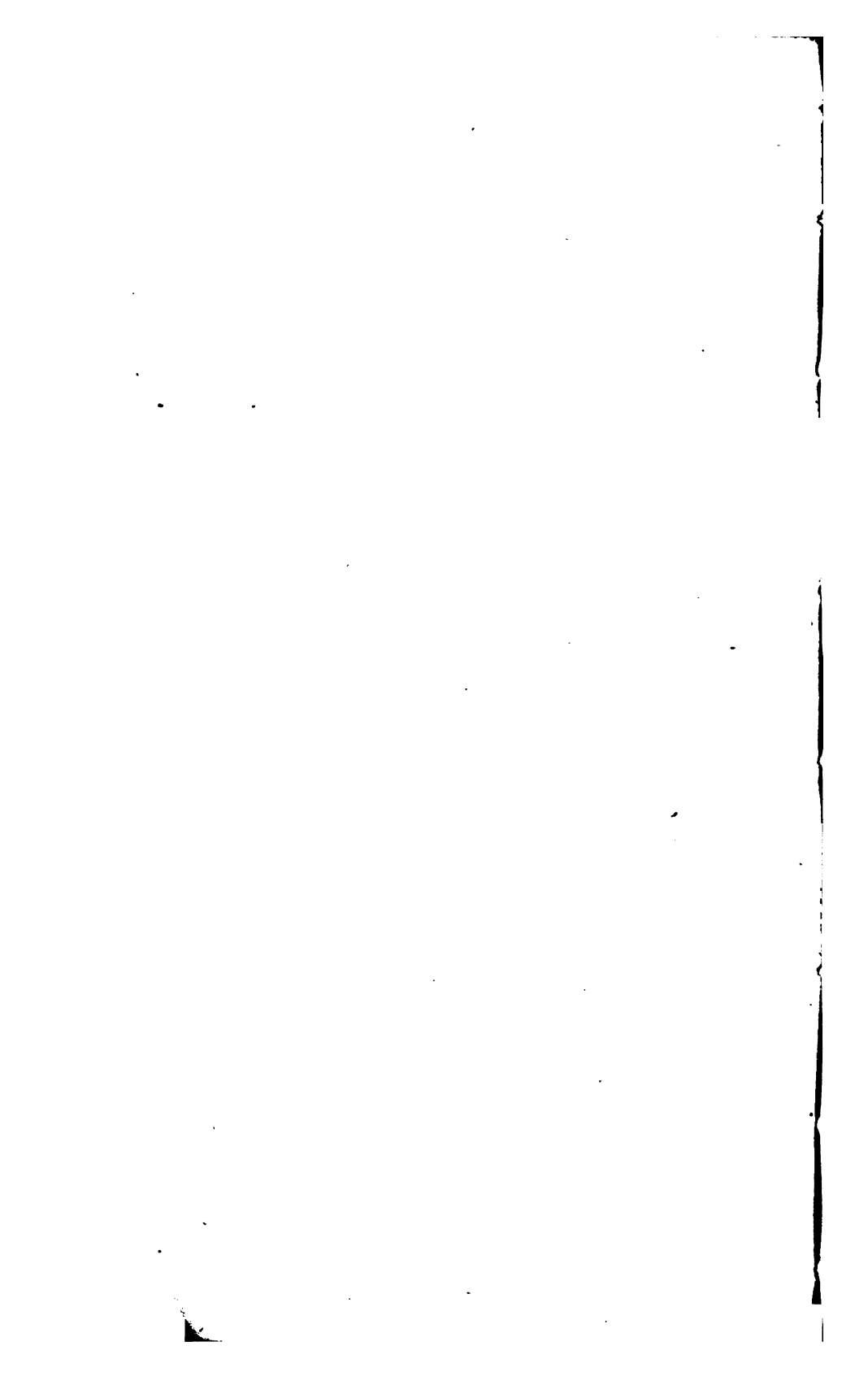
*Ilex Aquifolium.*

The sharp-leaved, or common, Holly.



14 ft. high, 8½ in. diam

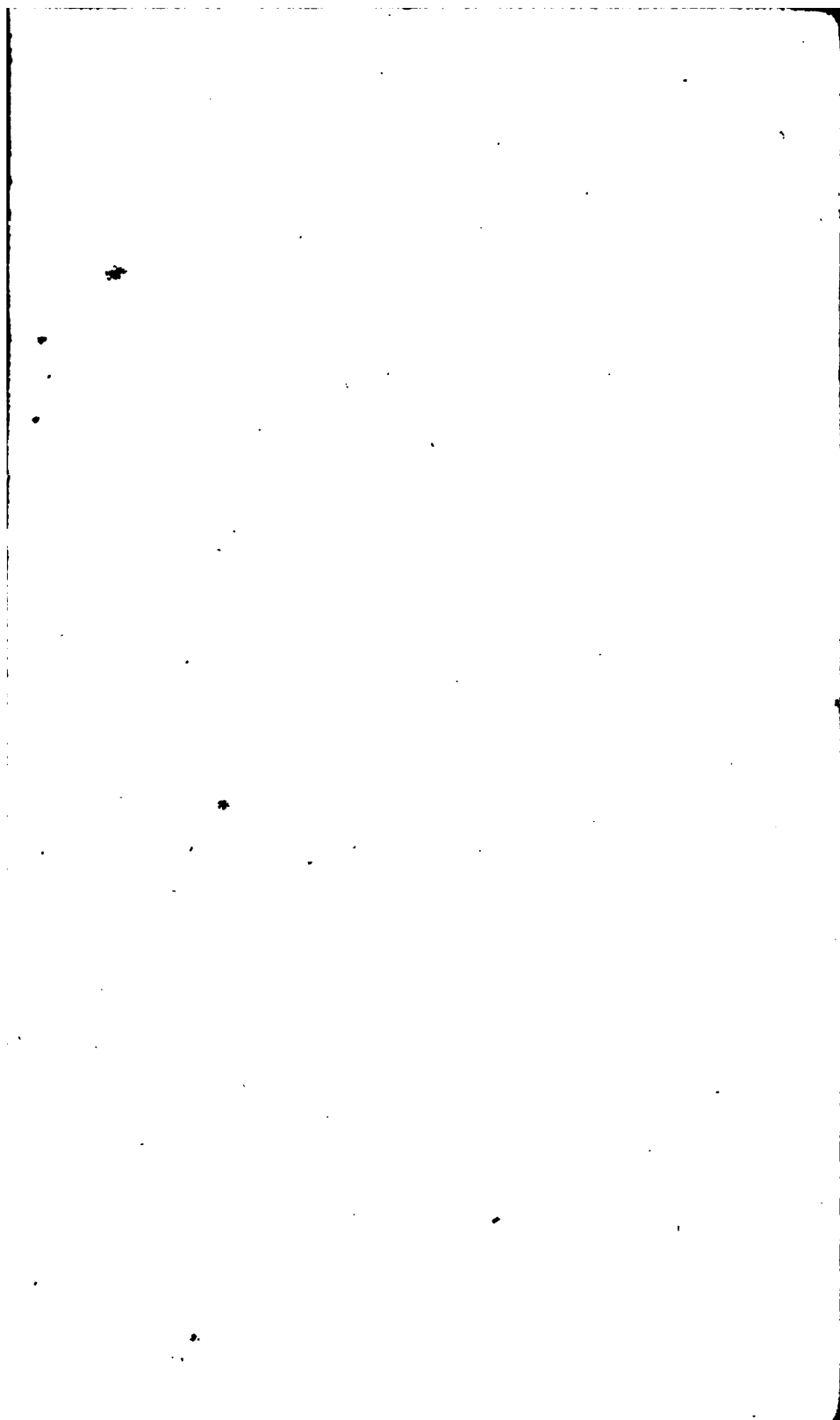




*Ilex Aquifolium.*

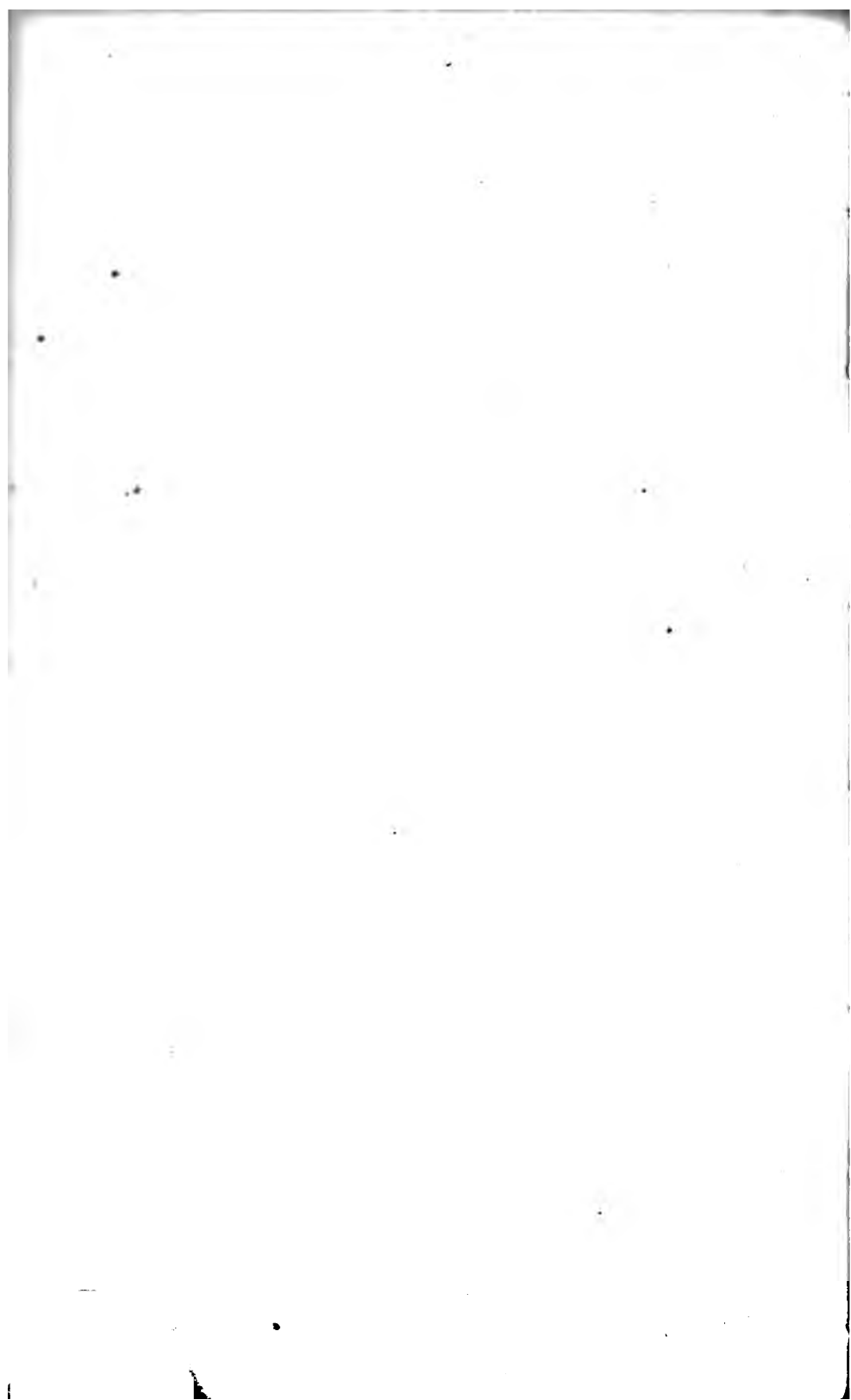
The sharp-leaved, or common, Holly.





*Ilex opaca.*  
The opaque-leaved Holly.







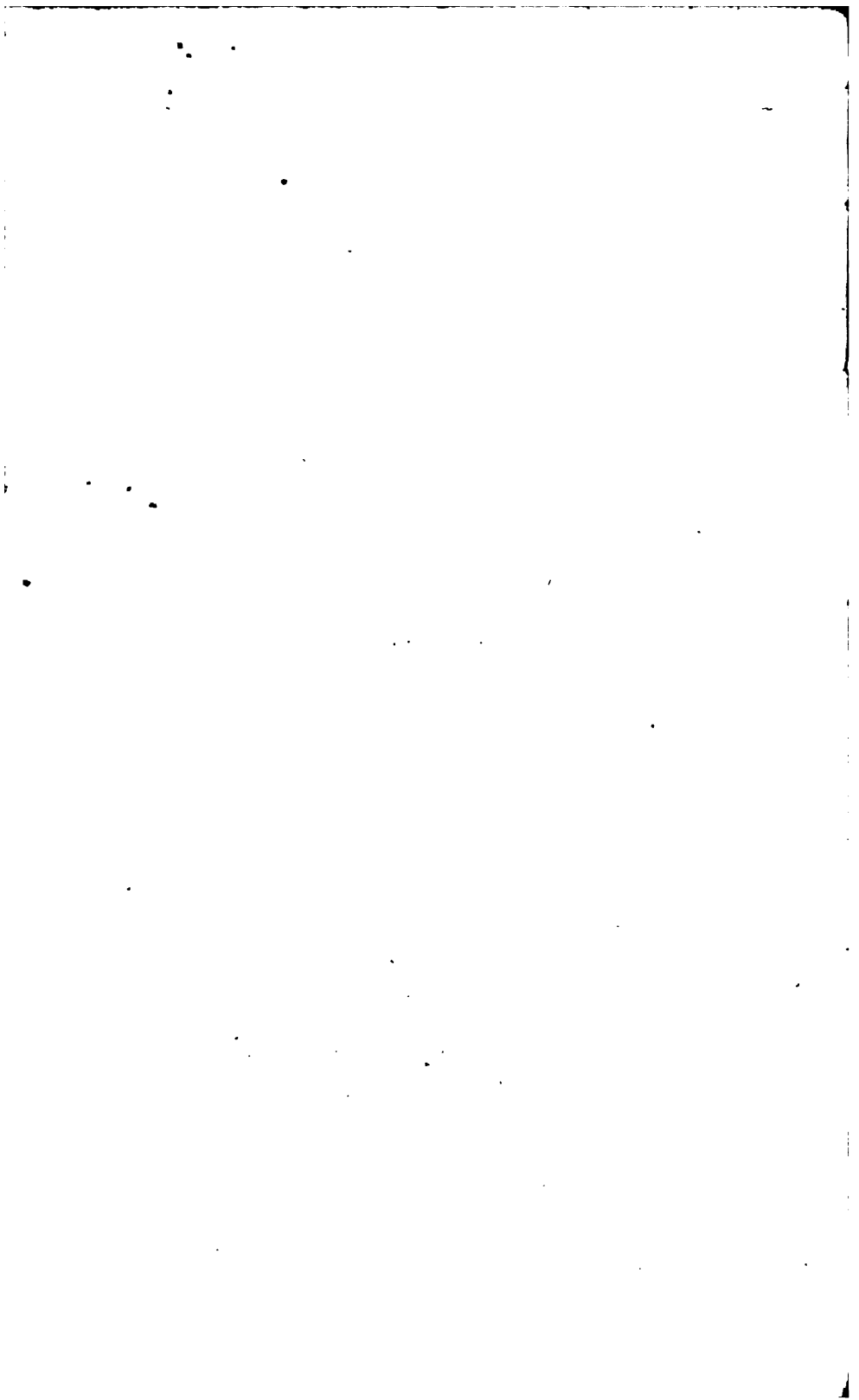
*Ílex opàca.*

The opaque-leaved Holly.



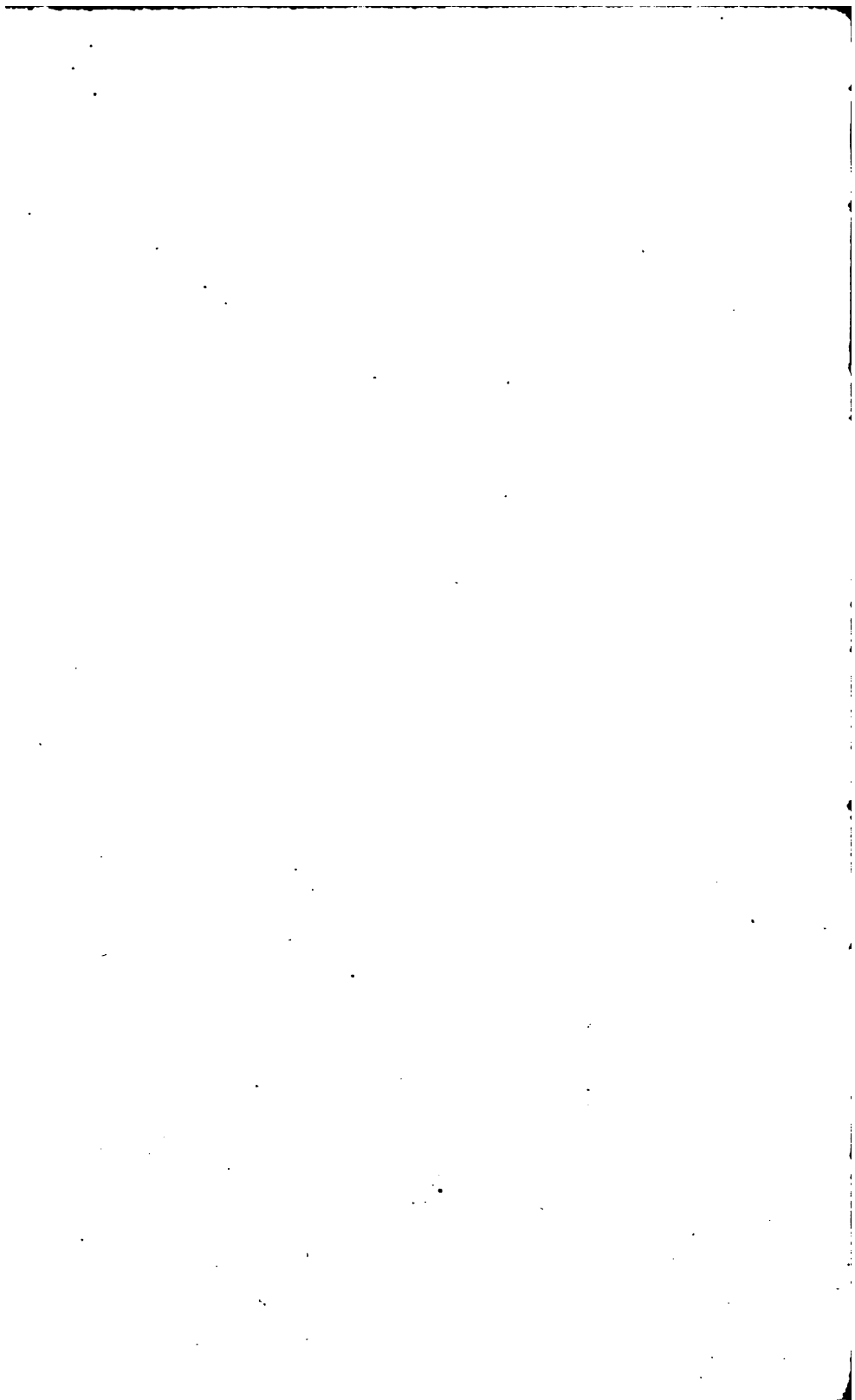
Full-grown tree at Byon, 18 ft. high; diam. of the trunk, 1 ft.; and of the branches, 28 ft.  
[Scale 1 in. to 12 ft.]





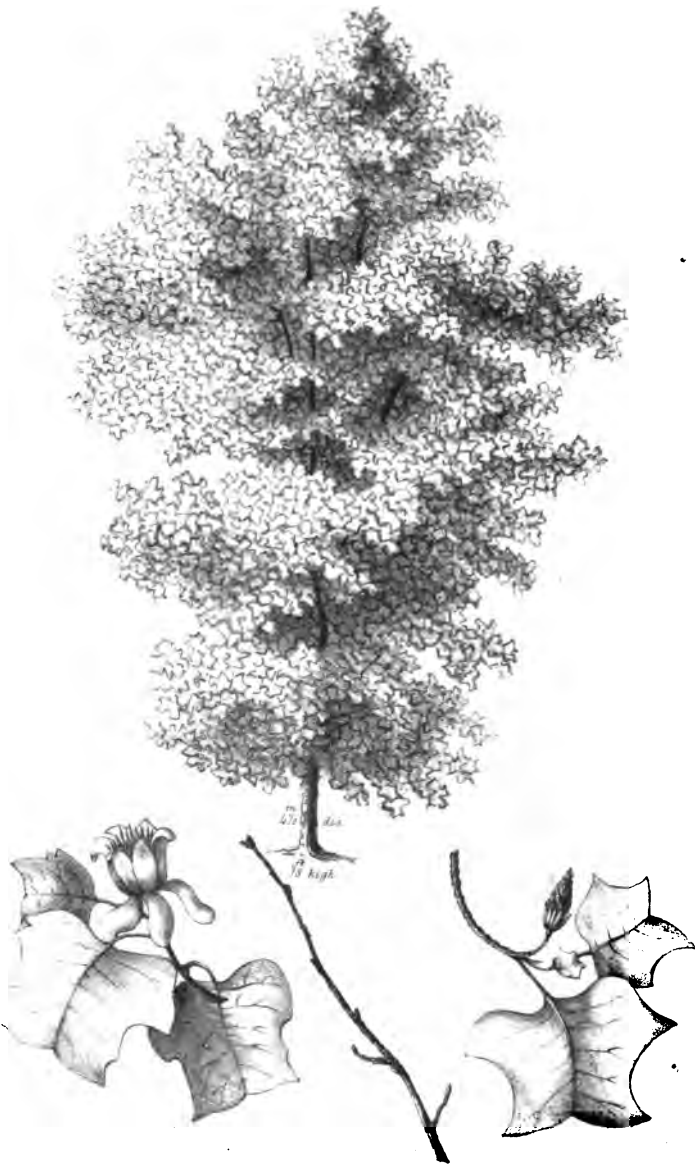
*Kölreutèria paniculàta.*  
The panicled-flowering Kölreuteria.



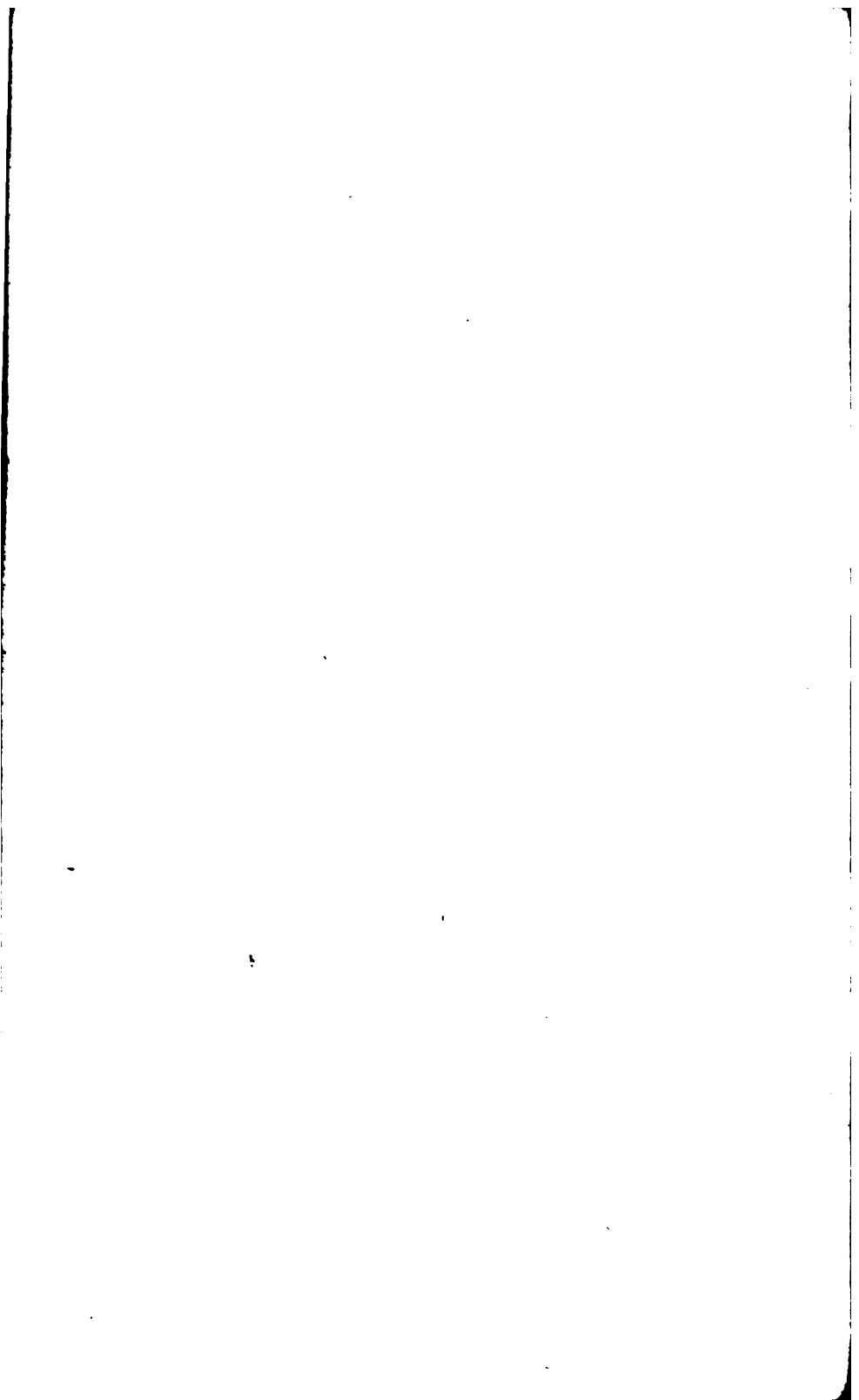


II. A.  
*Liriodendron Tulipifera.*  
The Tulip tree.

13.

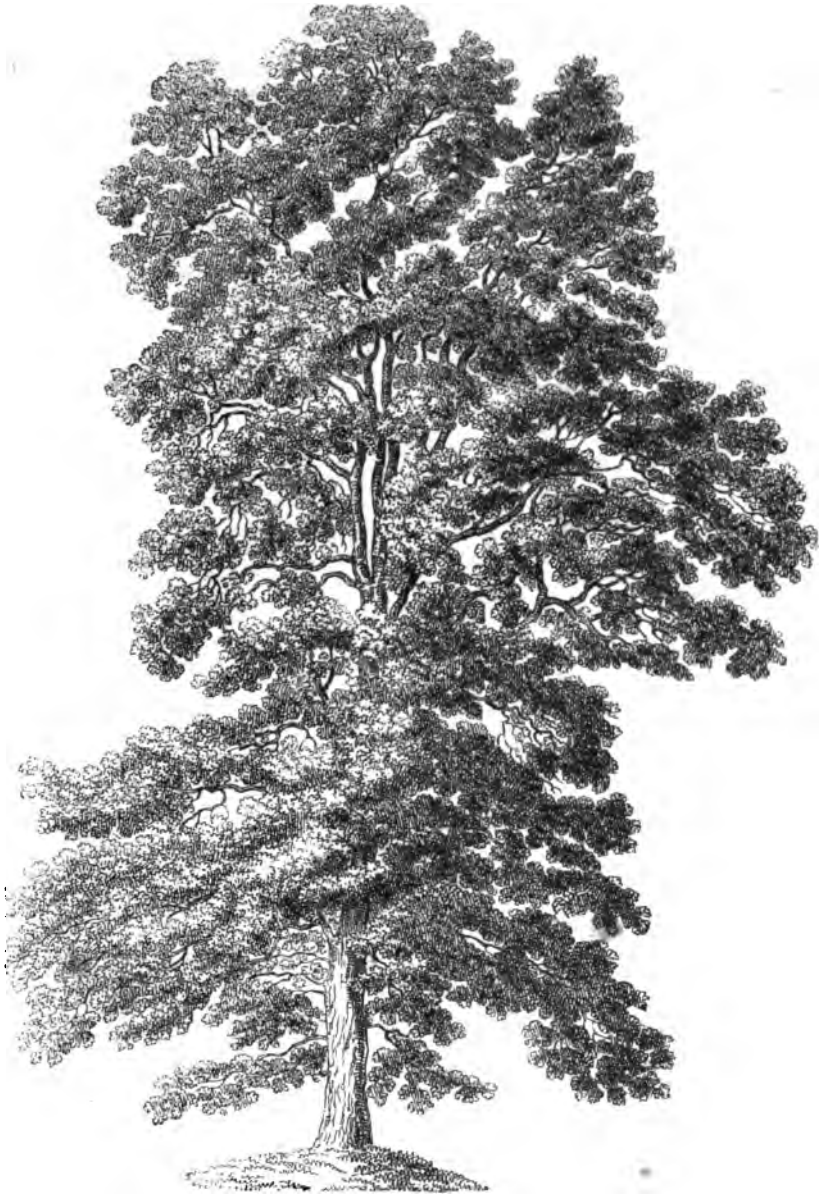


Printed in color by Day & Haghe.



*Liriodéndron Tulipífera.*

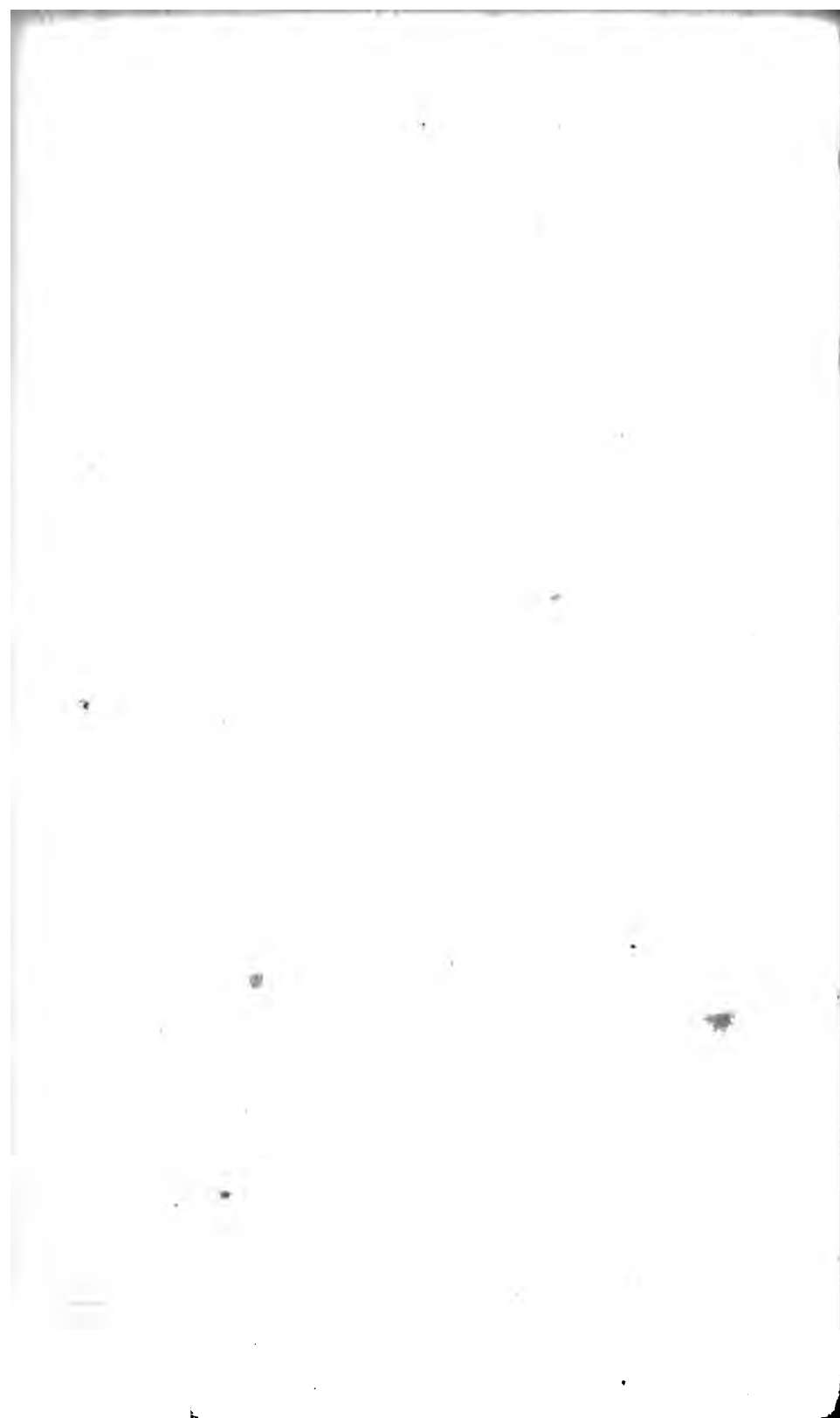
The tulip-bearing Liriodendron, or the Tulip tree.



Full-grown tree at Syon, 76 ft. high.

[Scale 1 in. to 12 ft.]

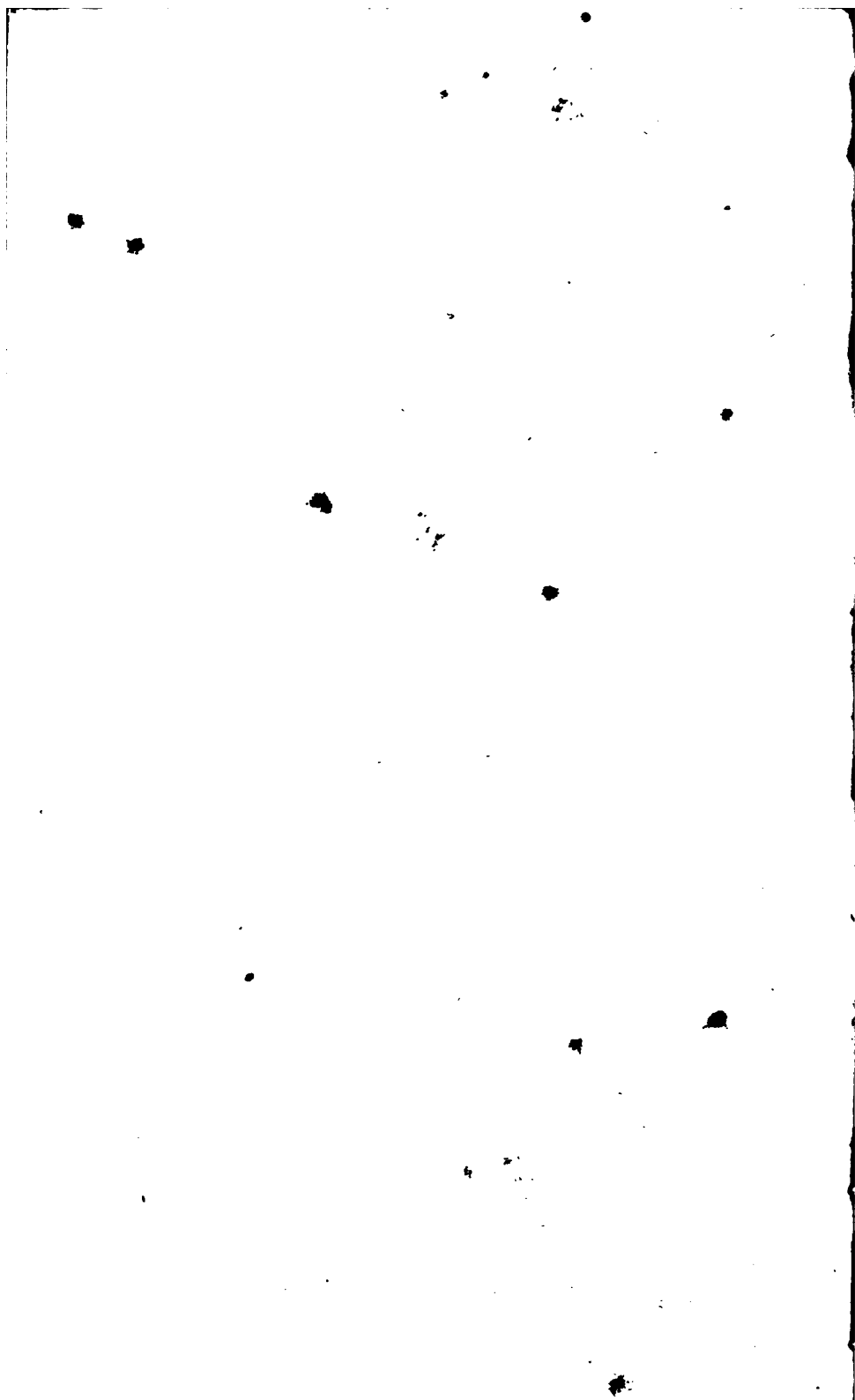




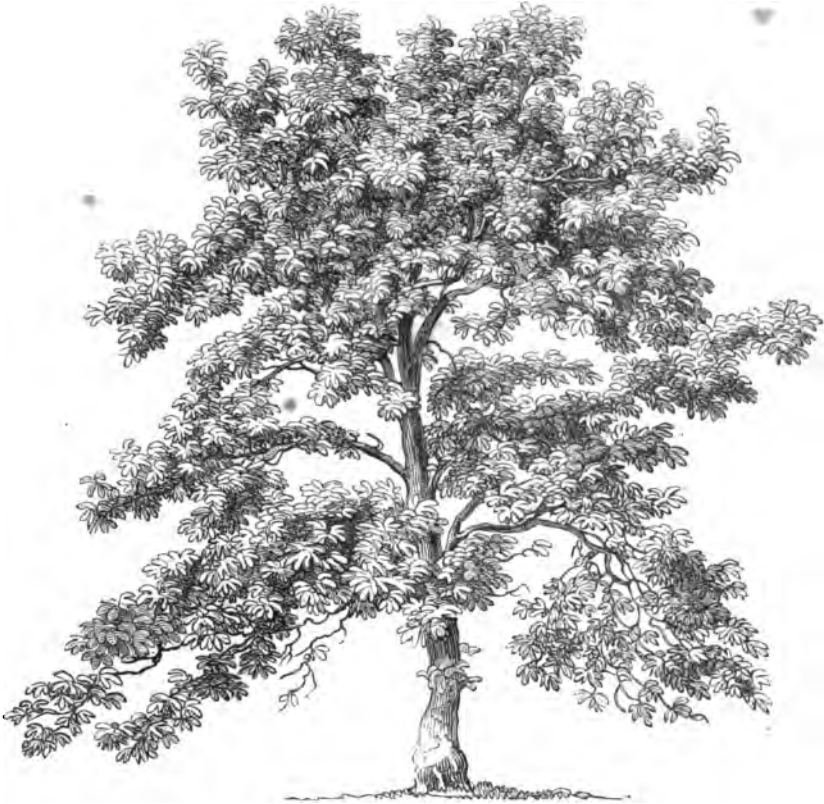


*Magnolia acuminata.*  
The pointed-leaved deciduous Magnolia.



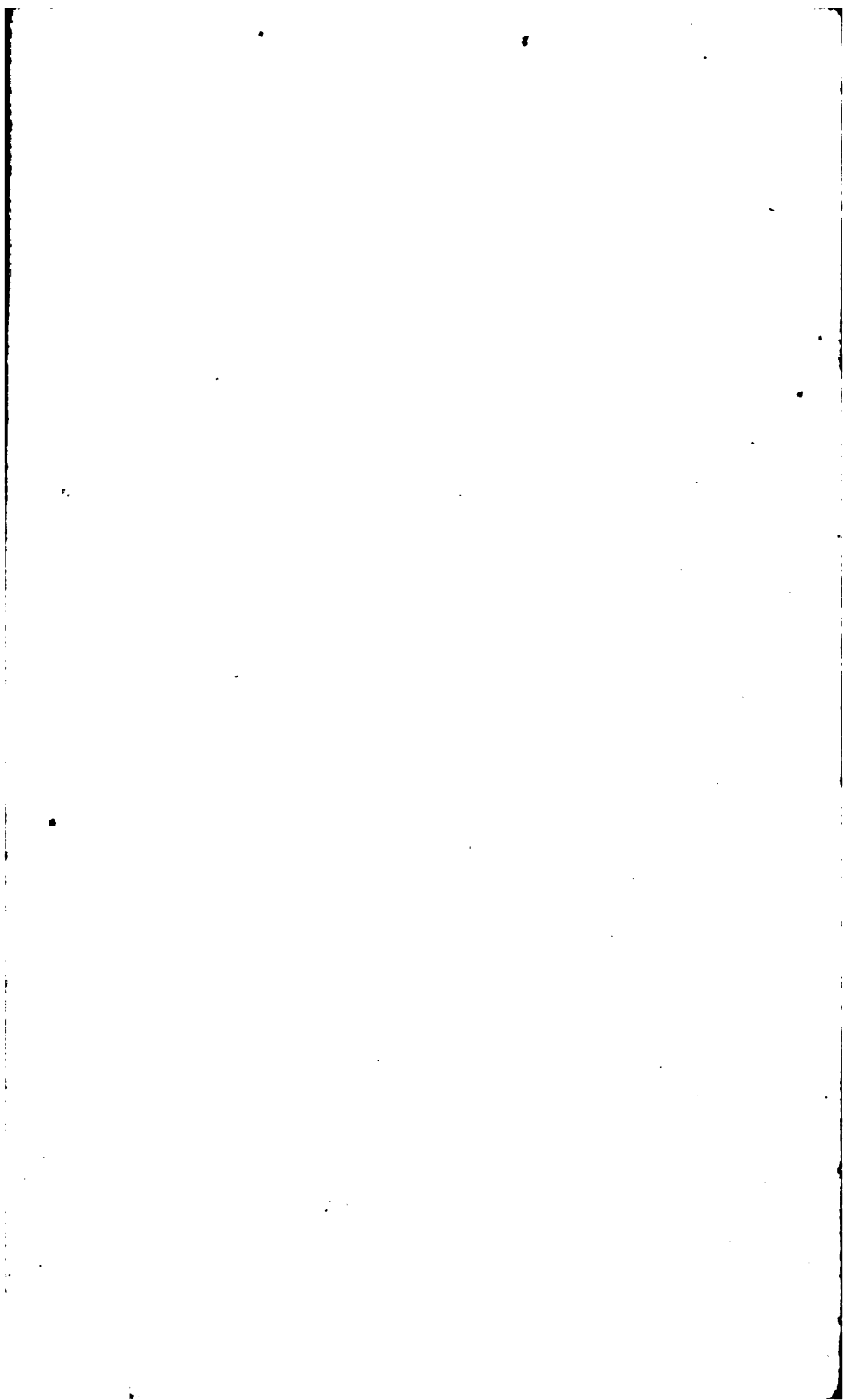


*Magnolia acuminata.*  
The pointed-*leaved* Magnolia.

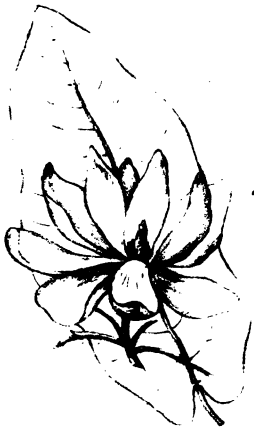


Full-grown tree at Syon; 40 ft. high; diam. of the trunk, 3 ft.; and of the head, 48 ft.  
[Scale 1 in. to 13 ft.]

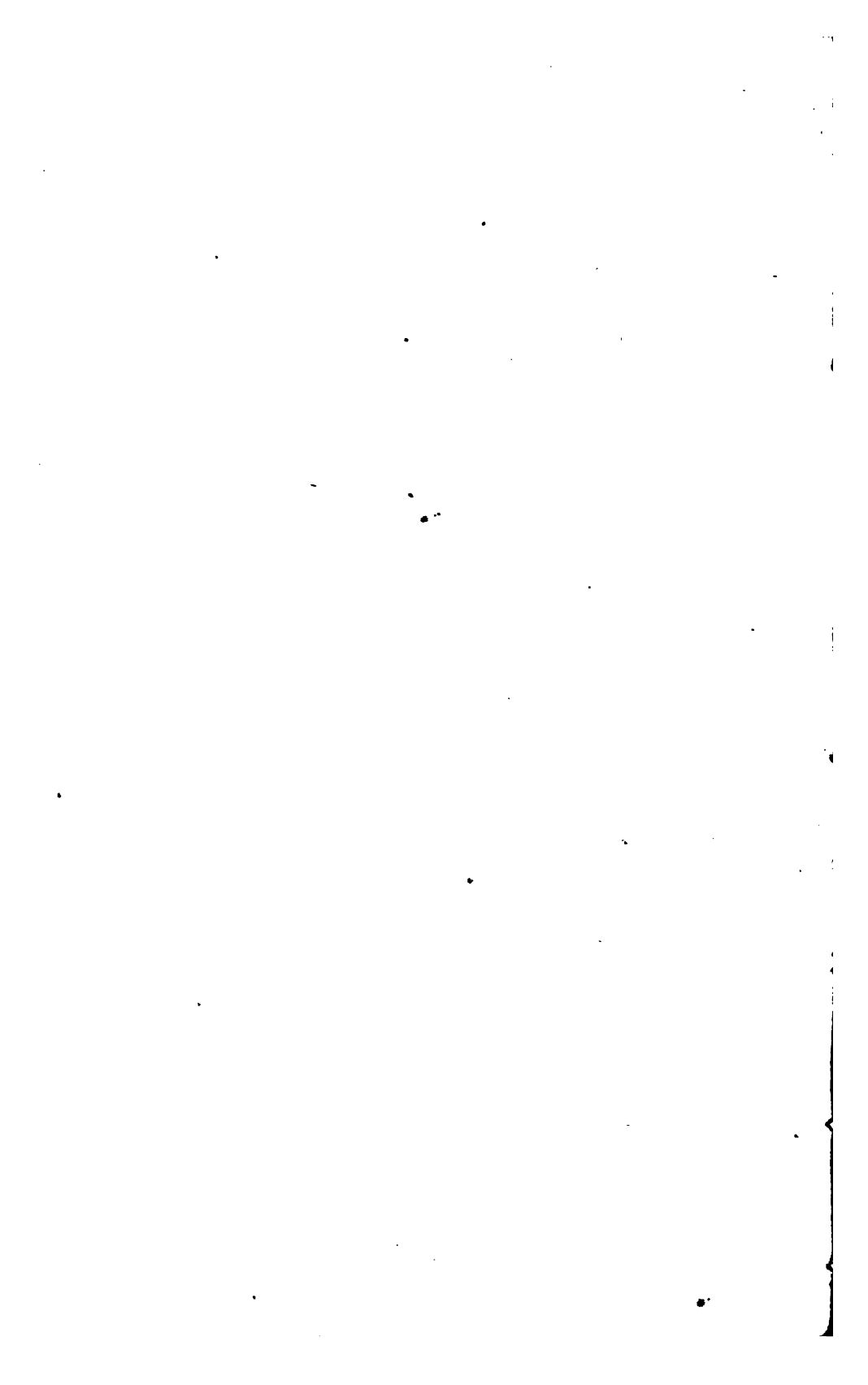




*Magnolia auriculata*.  
The ear-leaved deciduous Magnolia.



Printed from *Botanical Magazine*



*Magnolia glauca.*  
The glaucous-leaved deciduous Magnolia.

4







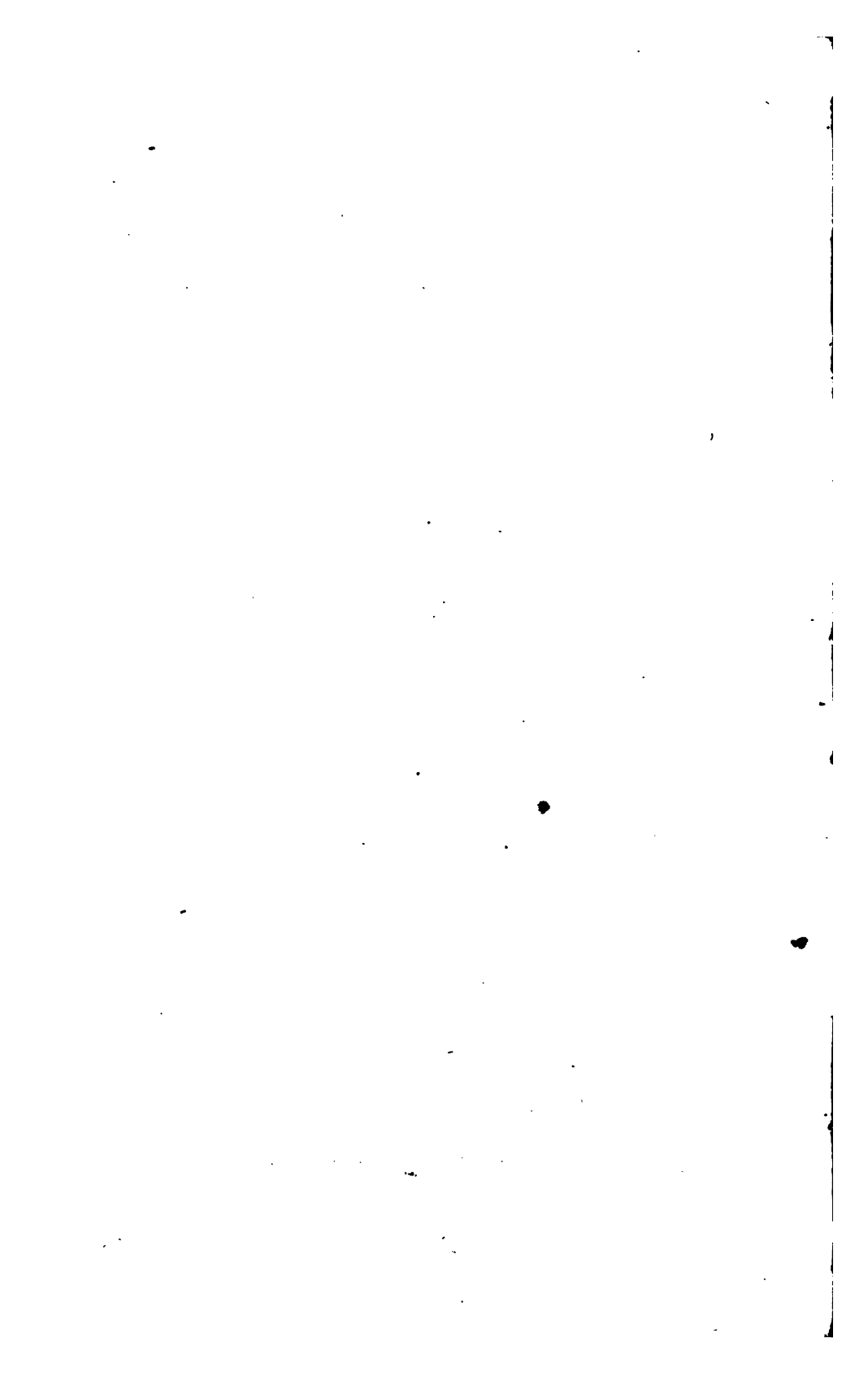
I.E

5

*Magnolia glauca* *Thompsoniana*.  
Thompson's glaucous-leaved *deciduous* Magnolia.



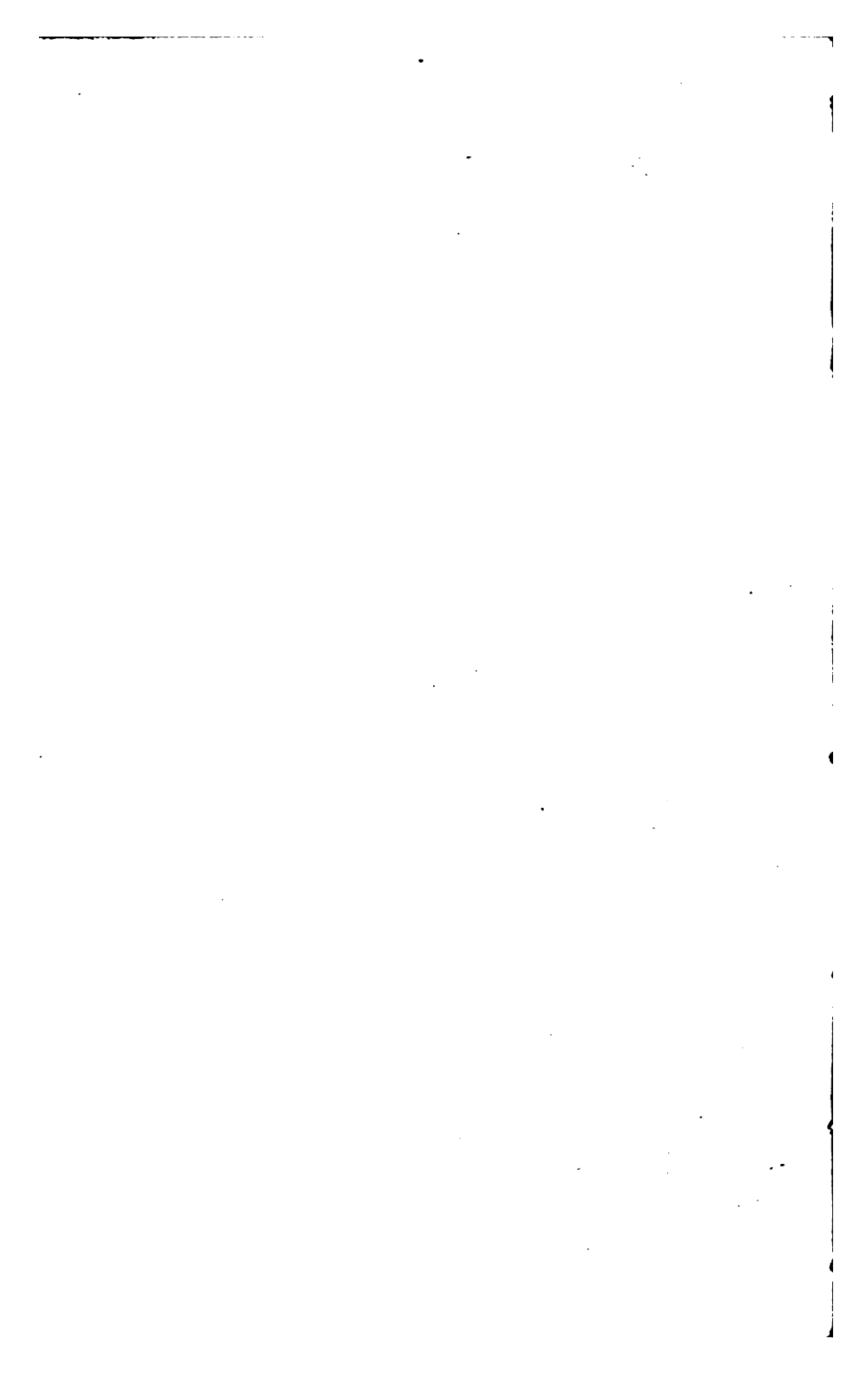
Plant from Zuehlke's Magnolia.



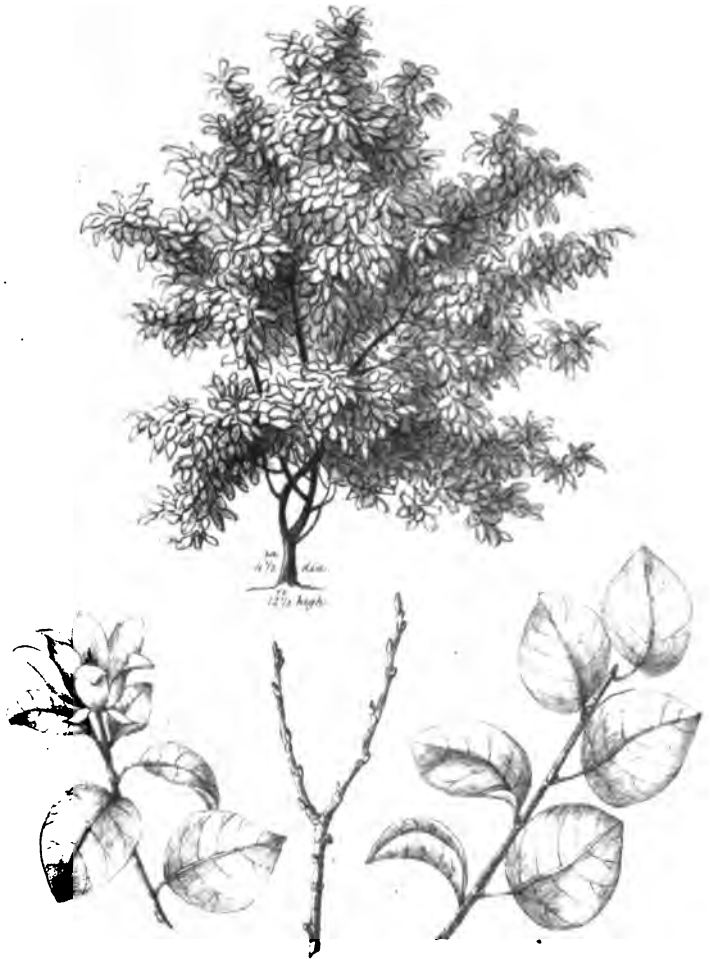
*Magnolia conspicua.*  
The conspicuous-flowered deciduous Magnolia.

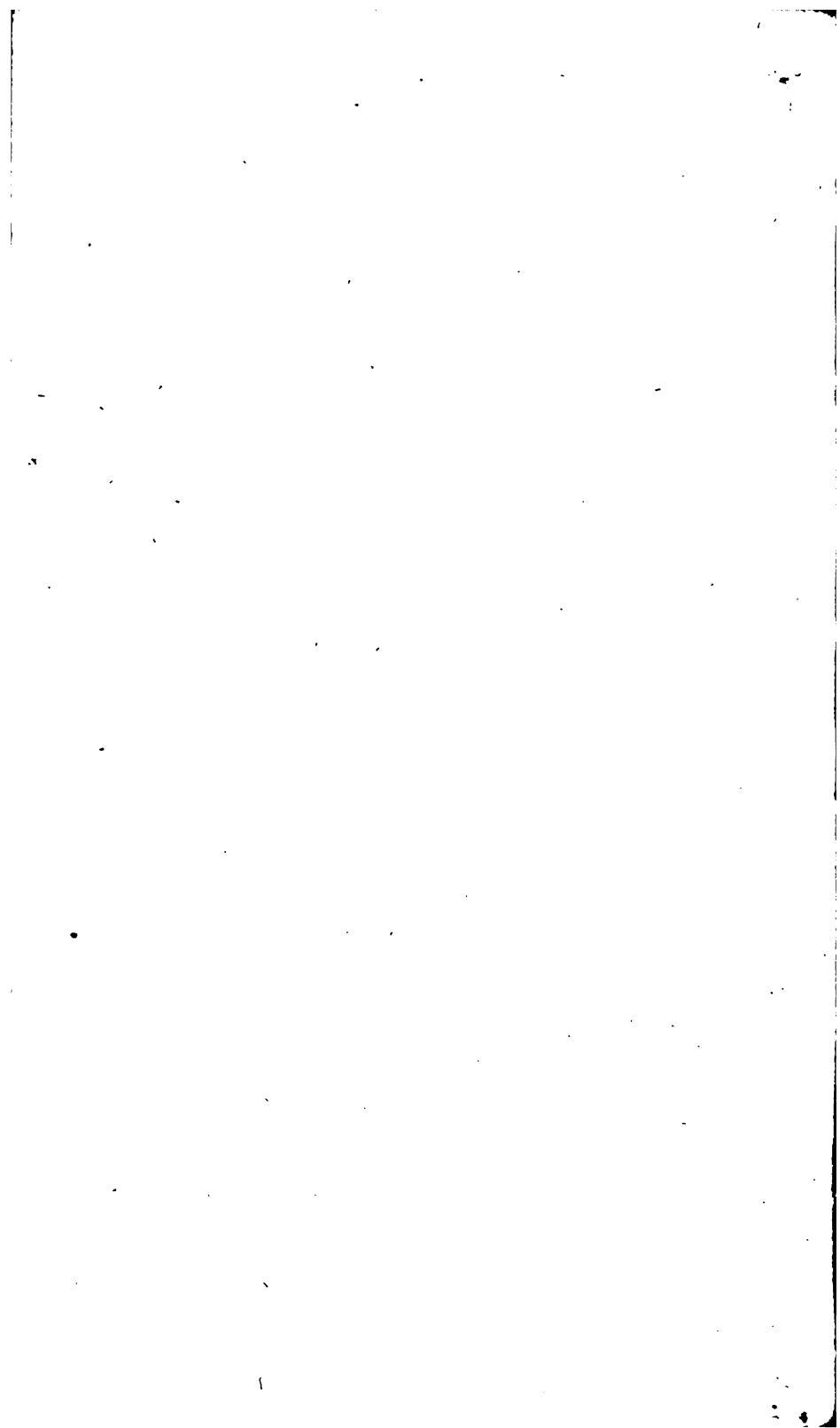


15001. *Magnolia conspicua*.



*Magnolia cordata.*  
The heart-shaped-leaved deciduous Magnolia.





*Magnolia grandiflora.*  
The large-flowered evergreen Magnolia.

1

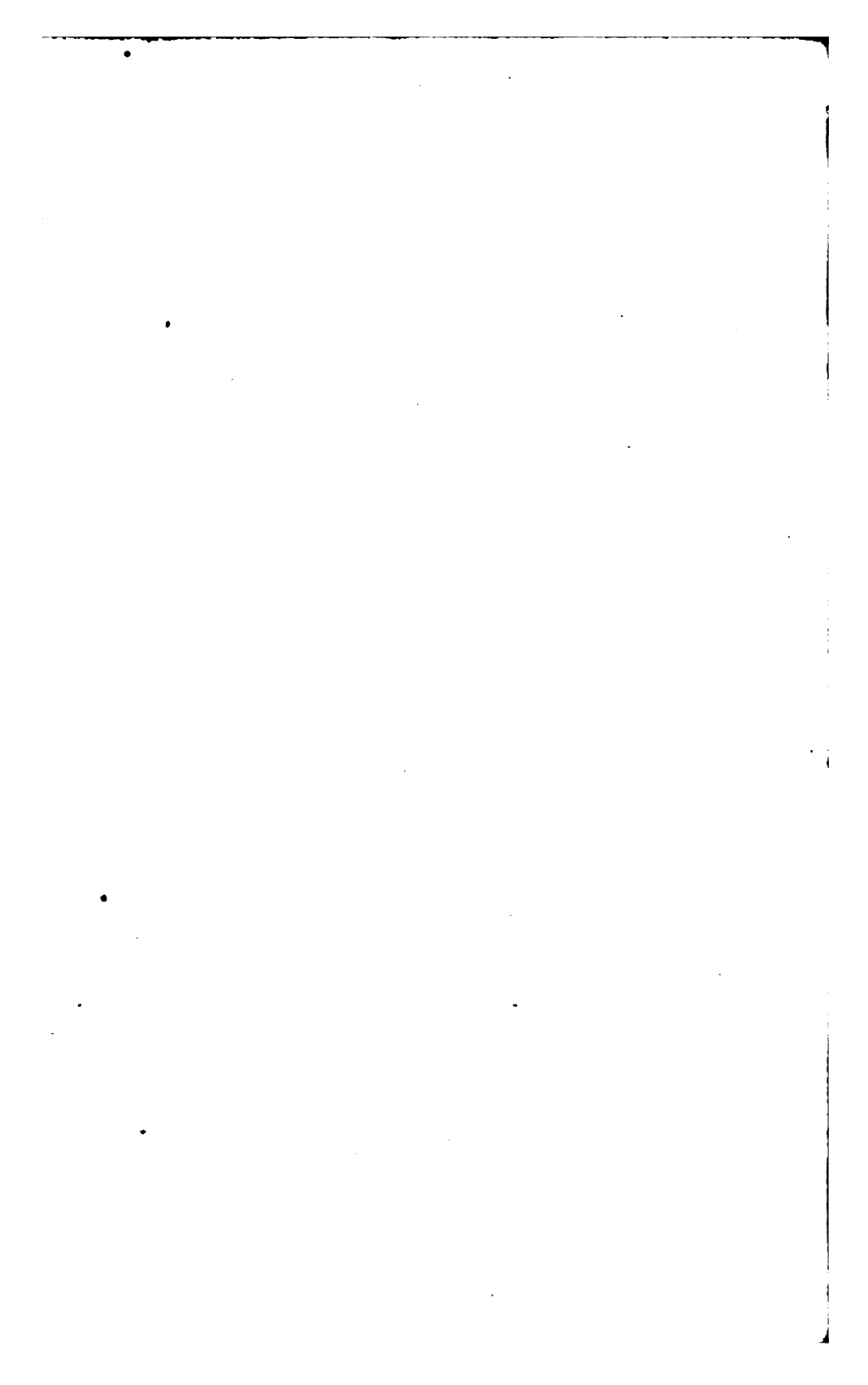






*Magnolia grandiflora ferruginea.*  
The large-flowered evergreen rusty-leaved Magnolia.

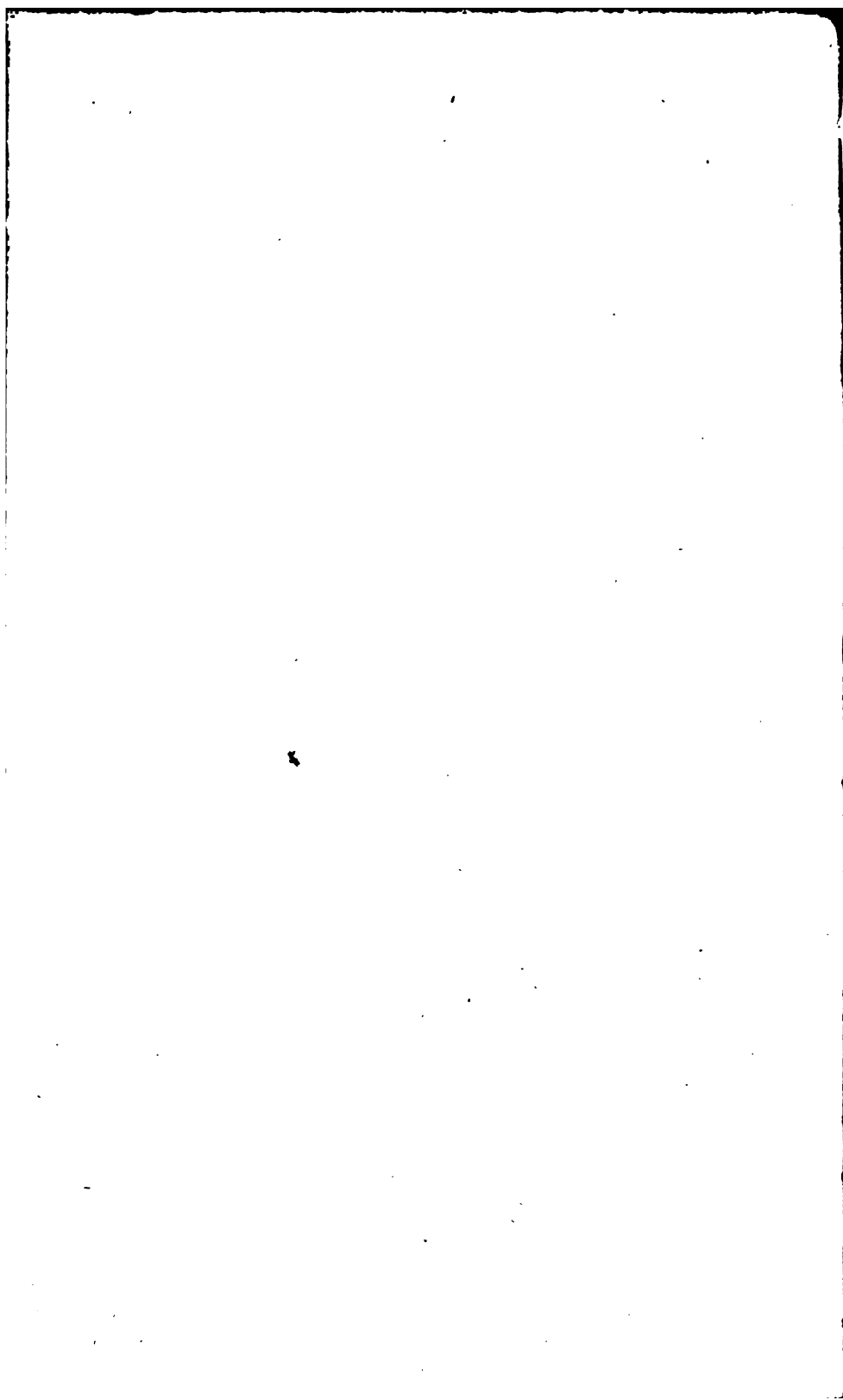




*Magnolia grandiflora exoniensis.*  
The large-flowered evergreen Exeter Magnolia.

3

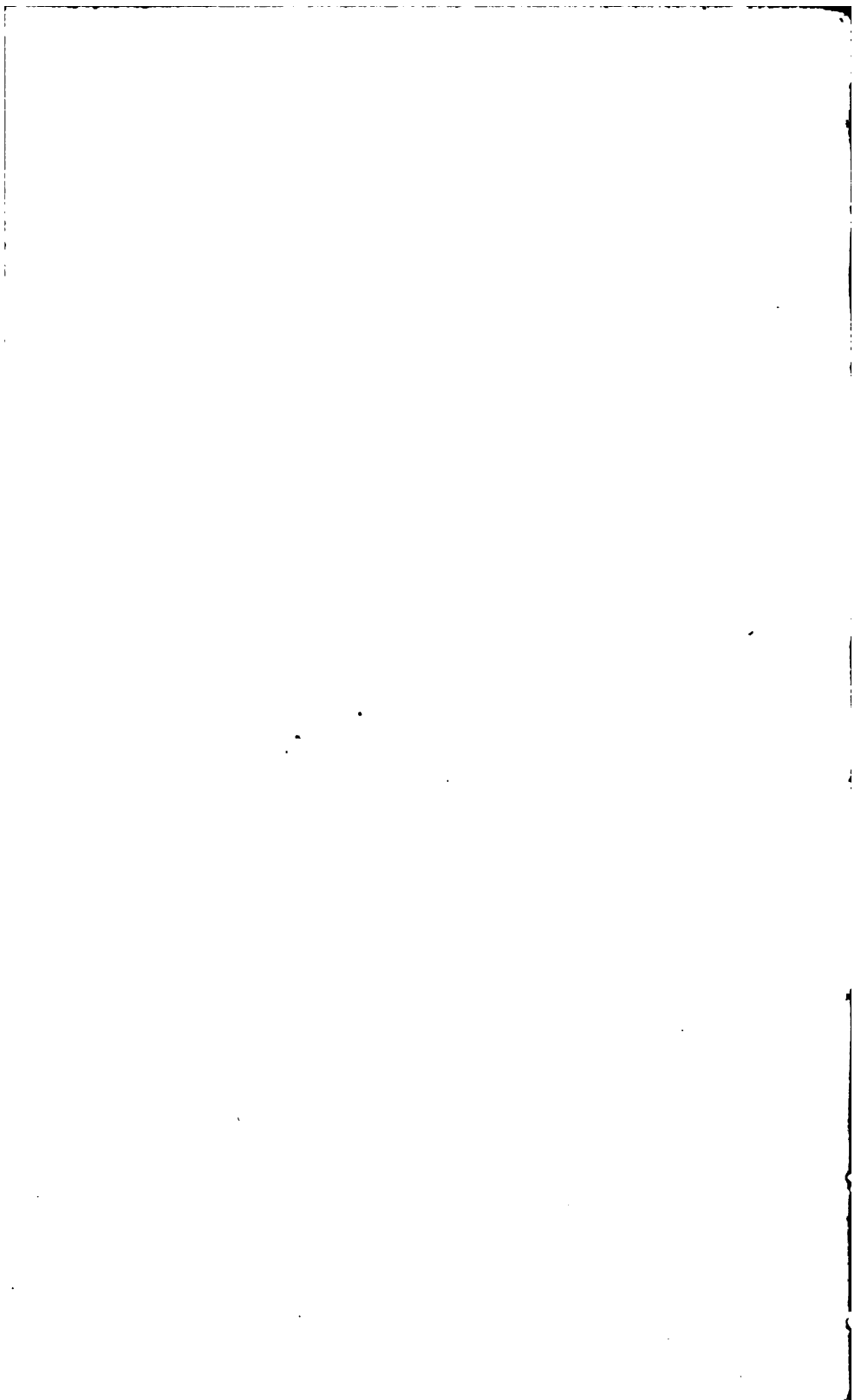




*Magnolia macrophylla.*  
The large-leaved deciduous Magnolia.



Printed from Zm. by Day & Haghe.



I. I.

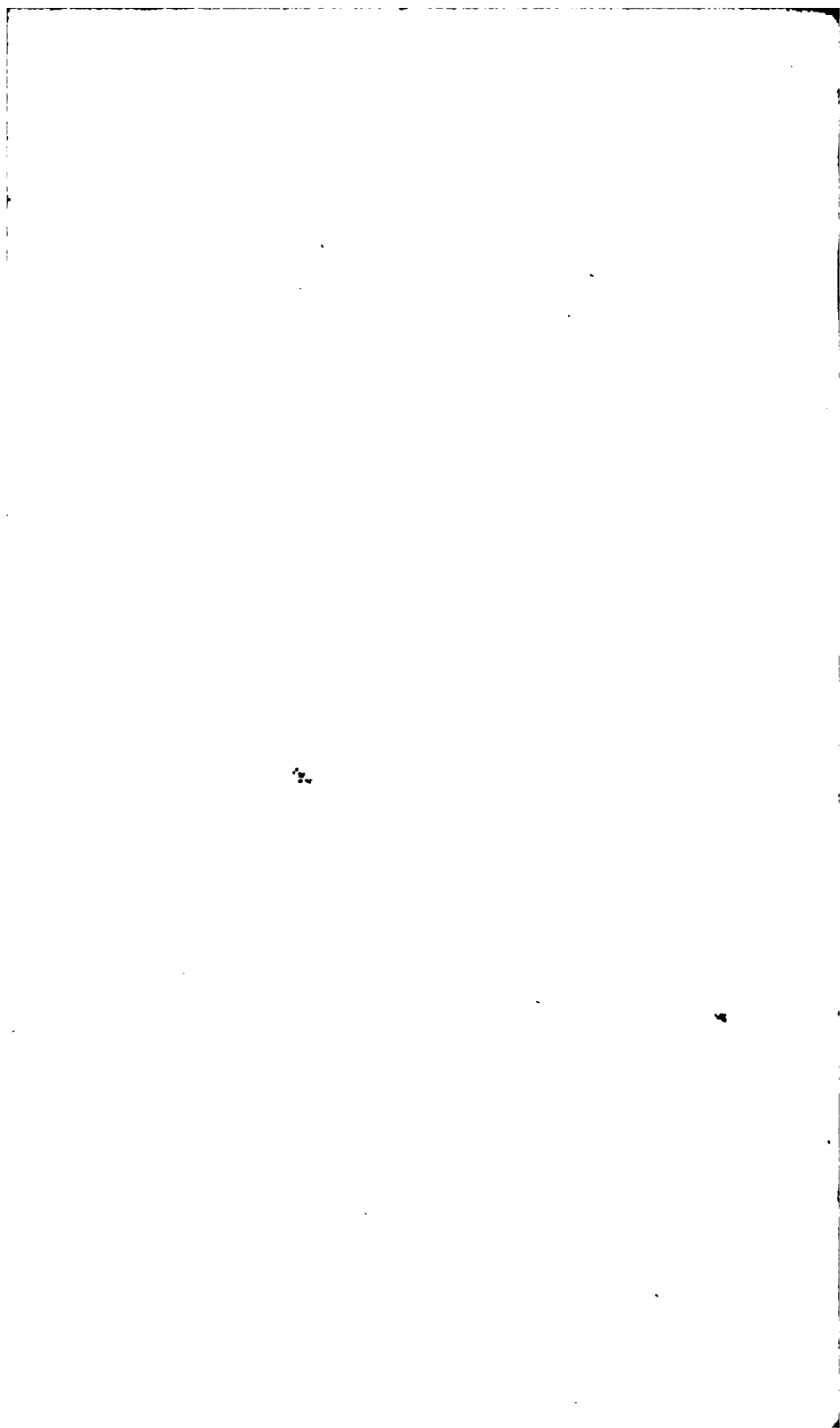
*Magnolia pyramidata.*

The pyramidal *dendrobus* Magnolia.

9



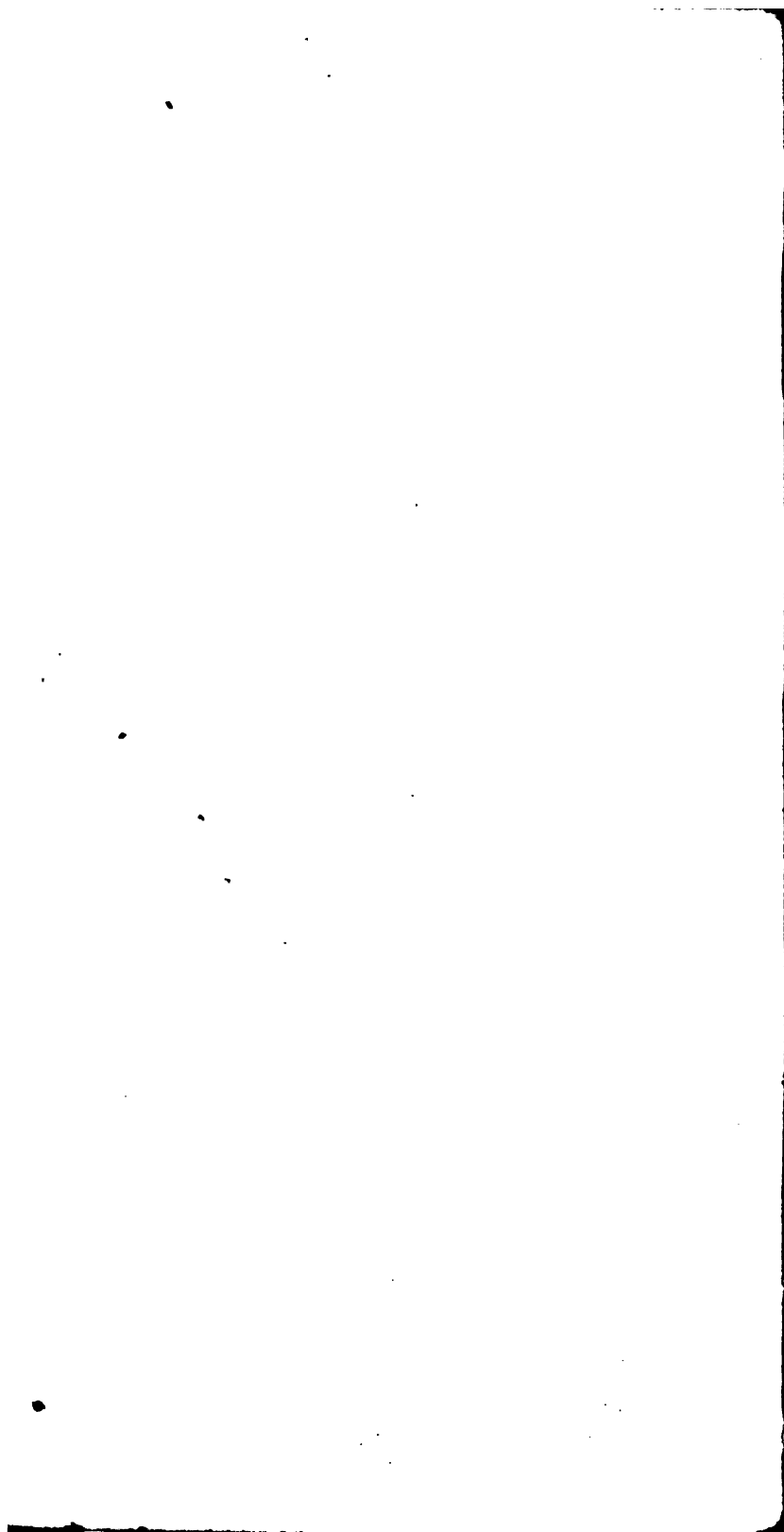
Printed from Zinc by Day & Haghe





*Magnolia tripetala.*  
The three-petaled-flowered deciduous Magnolia.



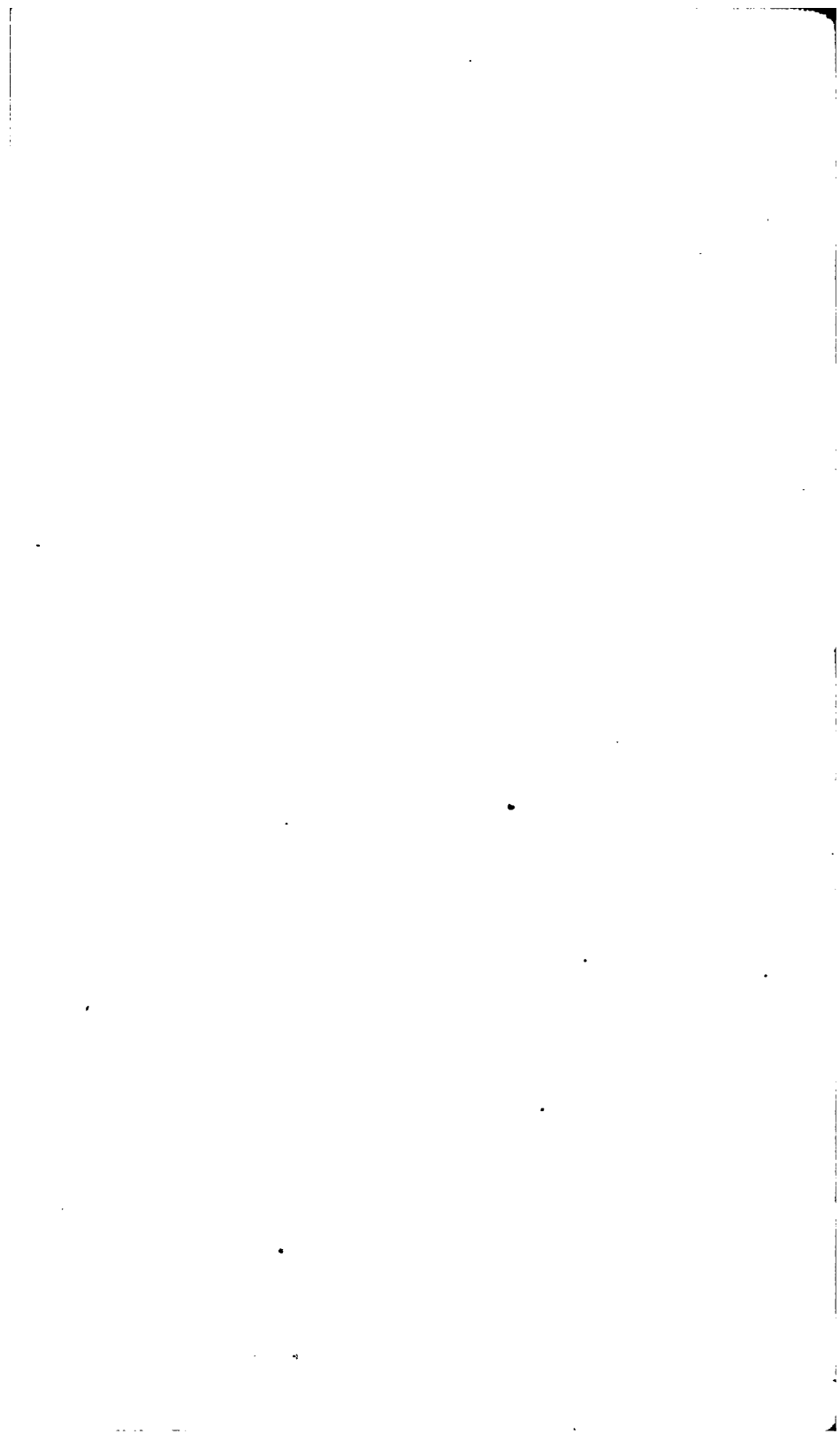


V.A.  
*Negundo fraxinifolium.*  
The Ash-leaved Box Elder.

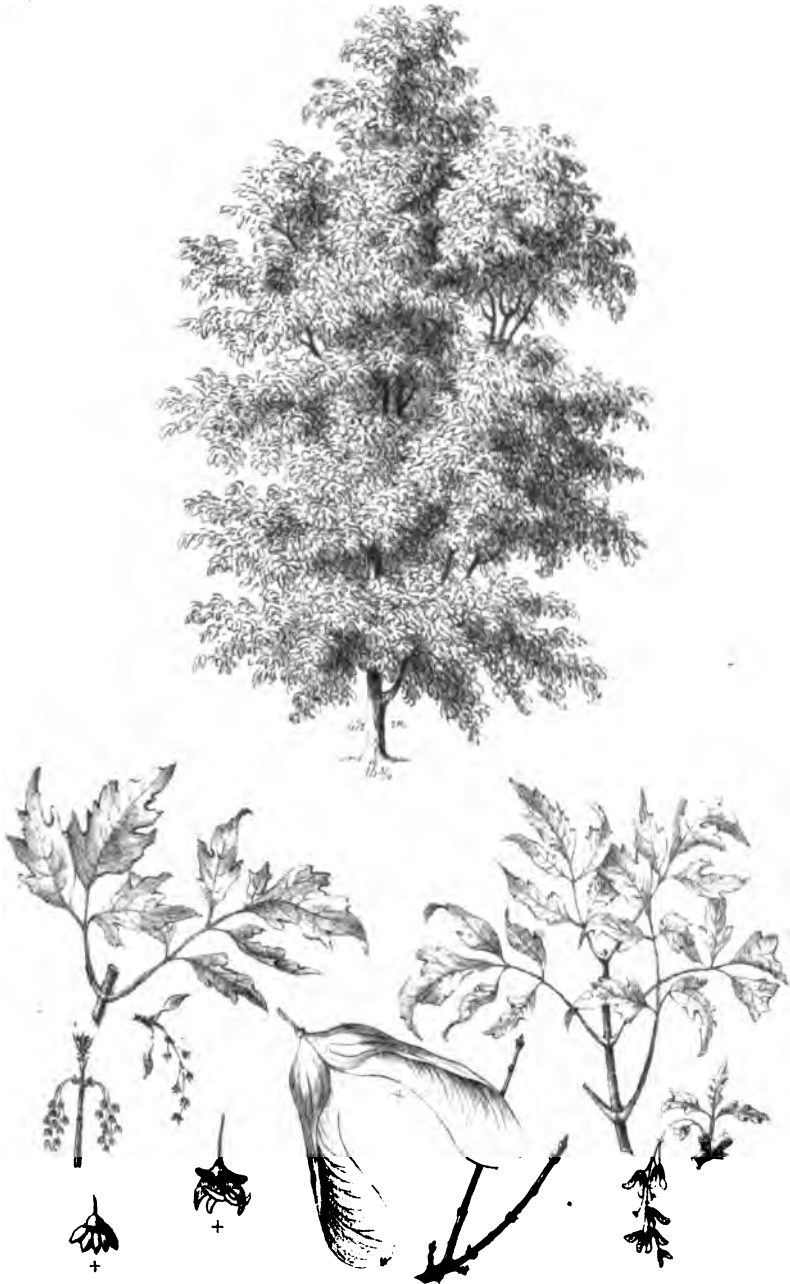


Painted from a specimen by J. C. R. G. & Co.

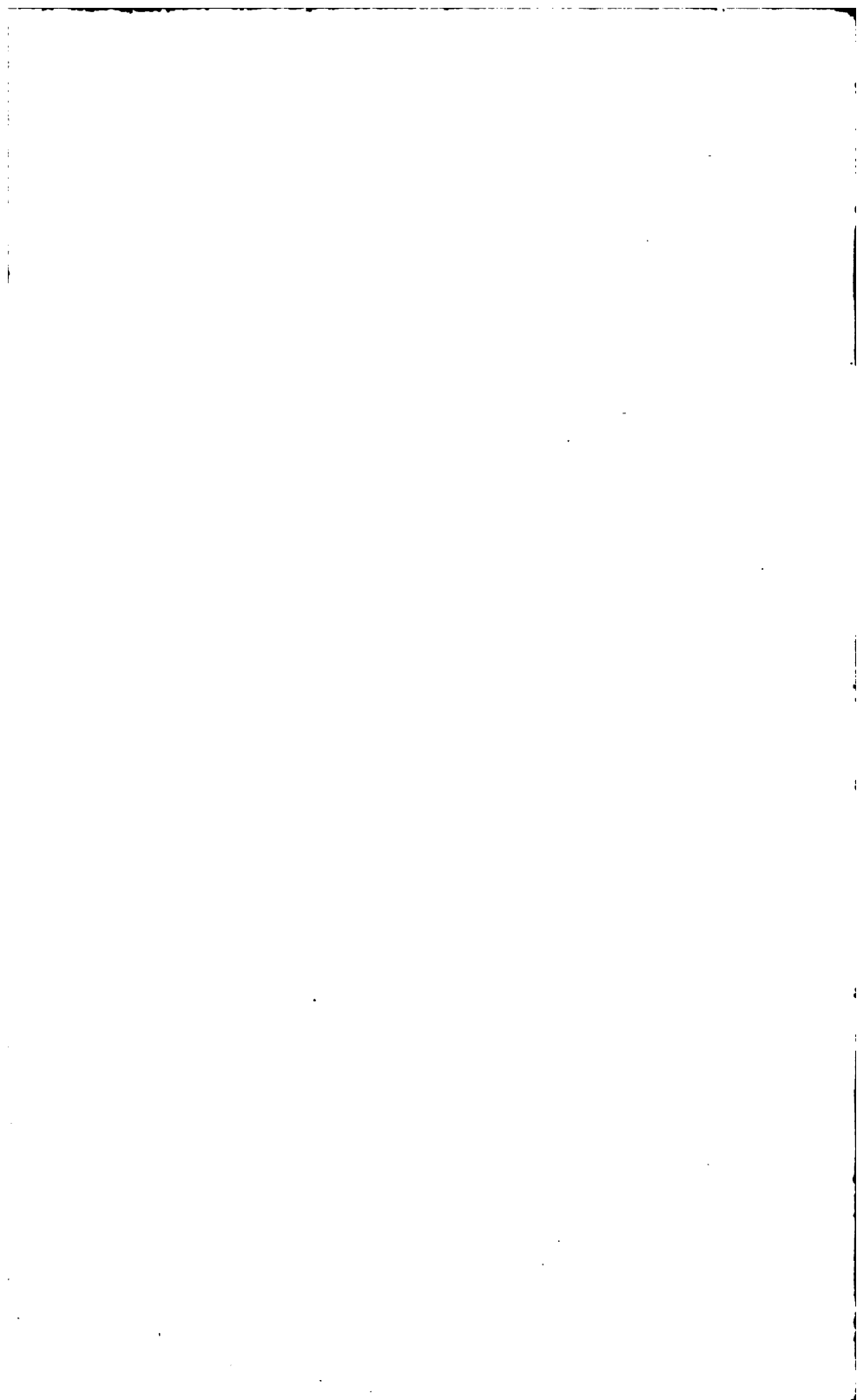
30 ft high



*Negundo fraxinifolium crispum.*  
The curled Ash-leaved Box Elder.

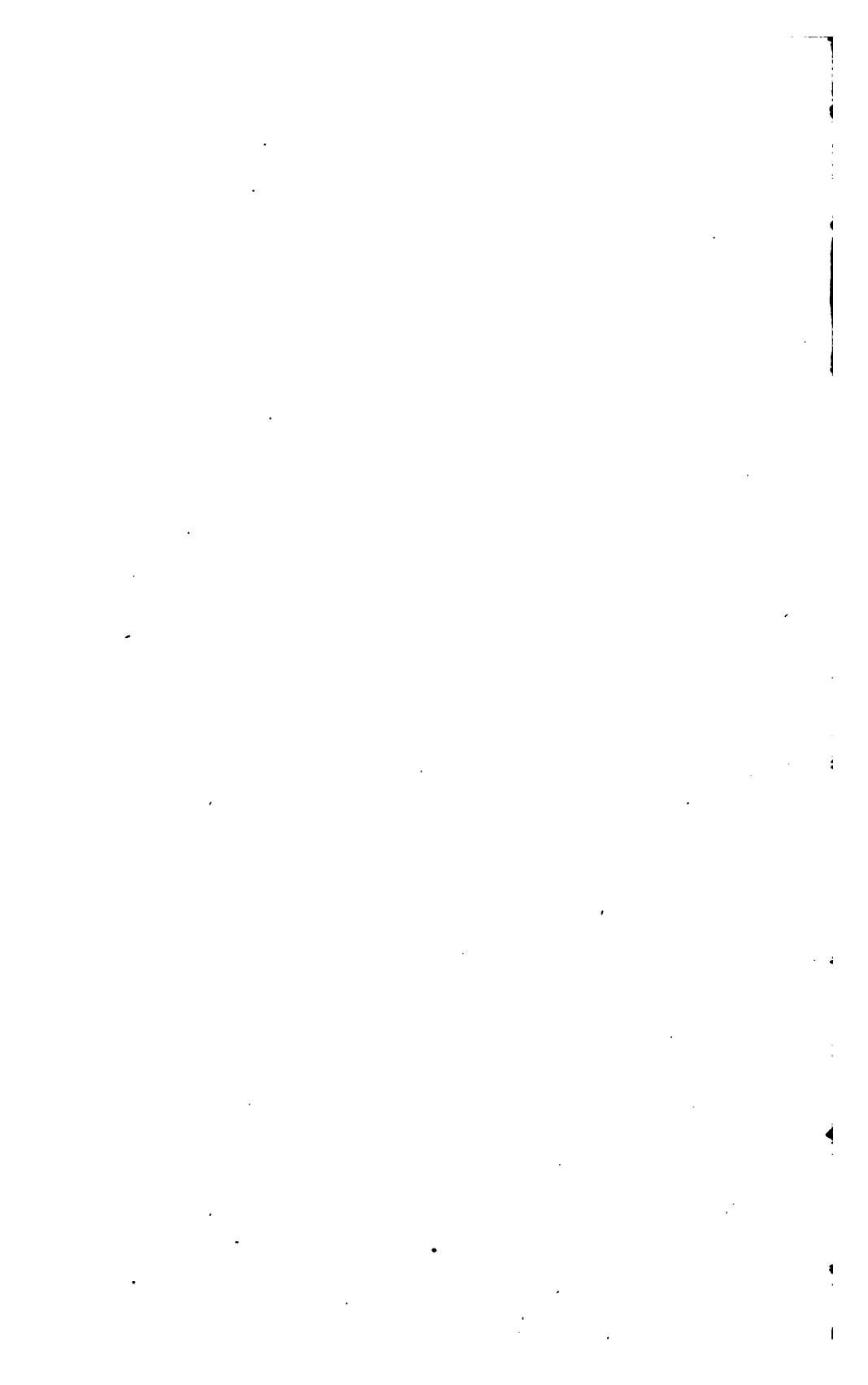


Planted from Zinc by Day & Haghe.



*Palurus aculeatus.*  
The prickly Christ's Thorn.







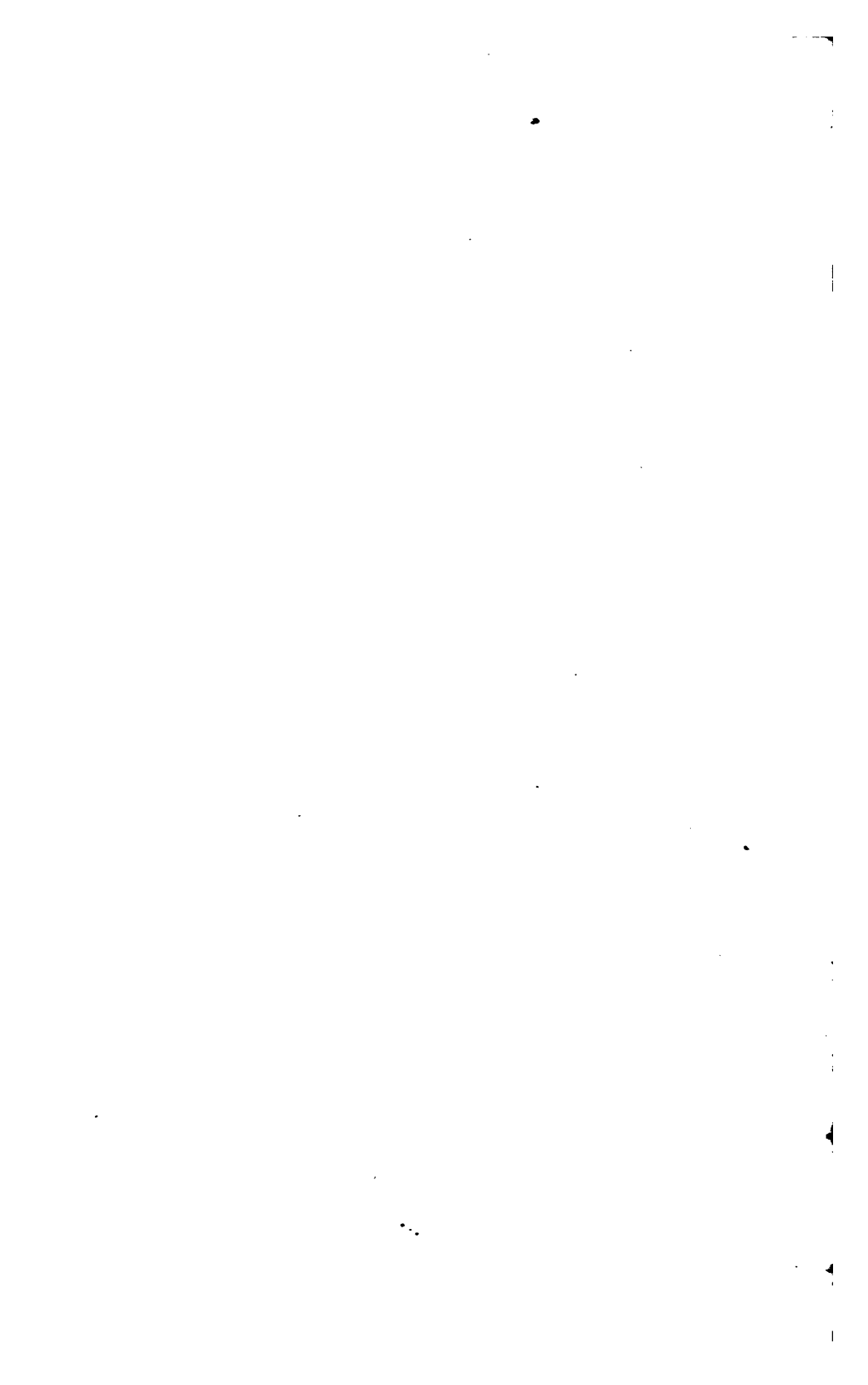
*Paliurus aculeatus.*

The prickly Paliurus, or *Christ's thorn*.



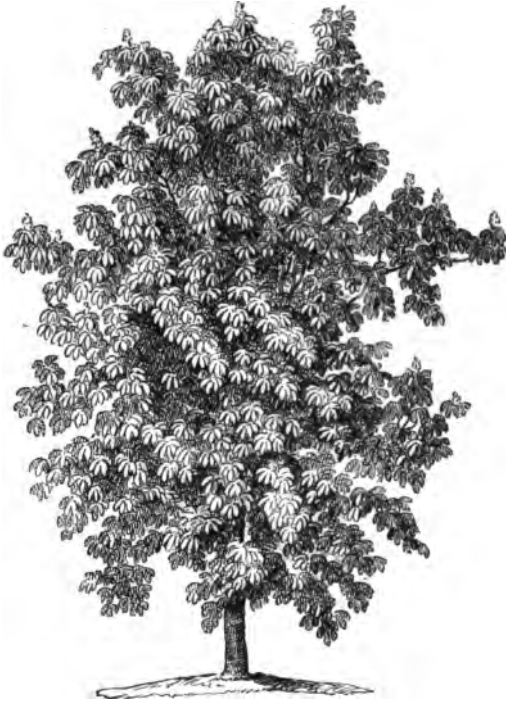
Full-grown tree at Syon: 33 ft. high; diam. of the trunk, 1 ft. and of the head, 30 ft.  
[Scale 1 in. to 12 ft.]





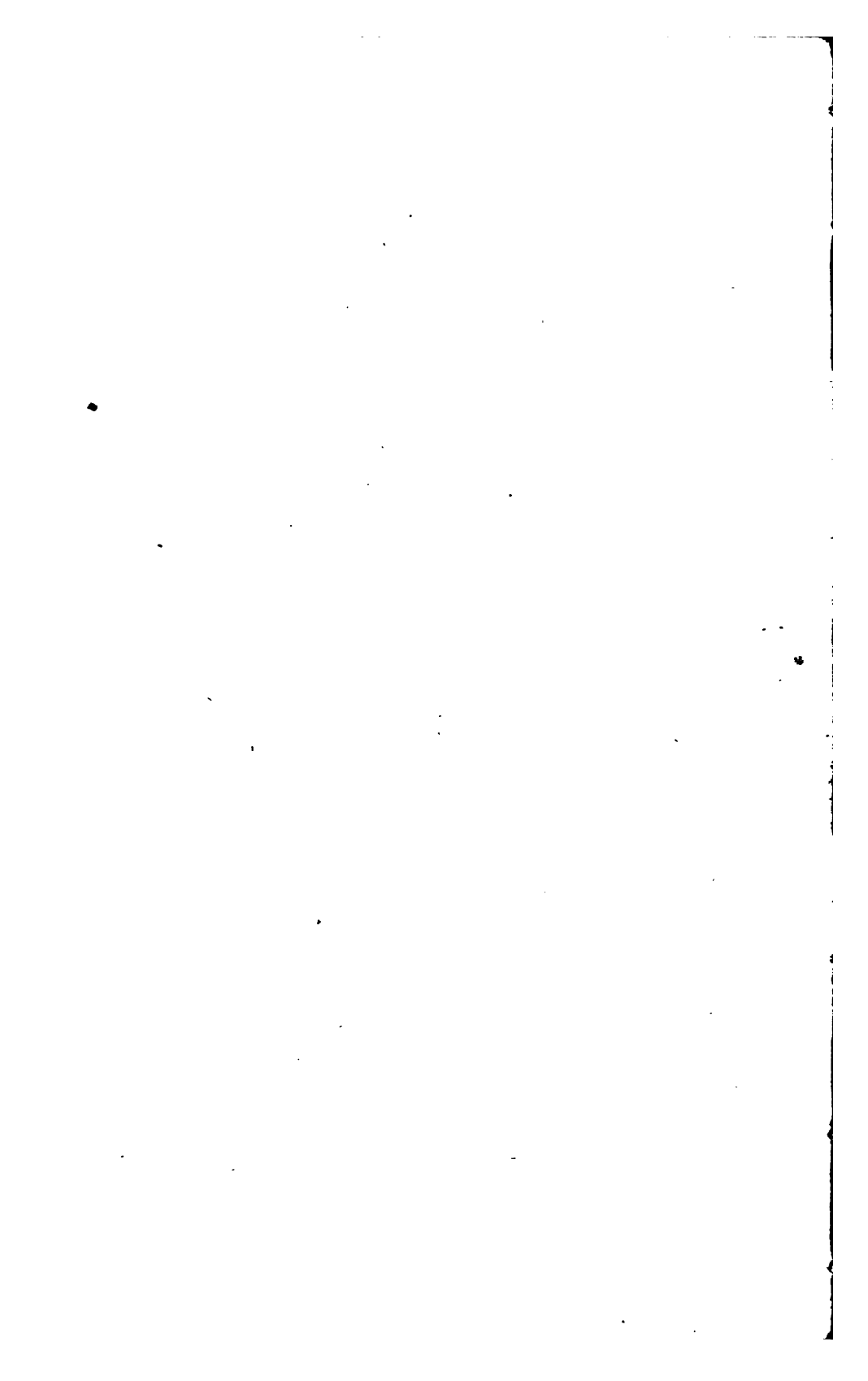
*Pavia flava.*

The yellow-flowered, Pavia, or smooth-fruited Horse-Chestnut.



16 ft. high, 6 in. diam.



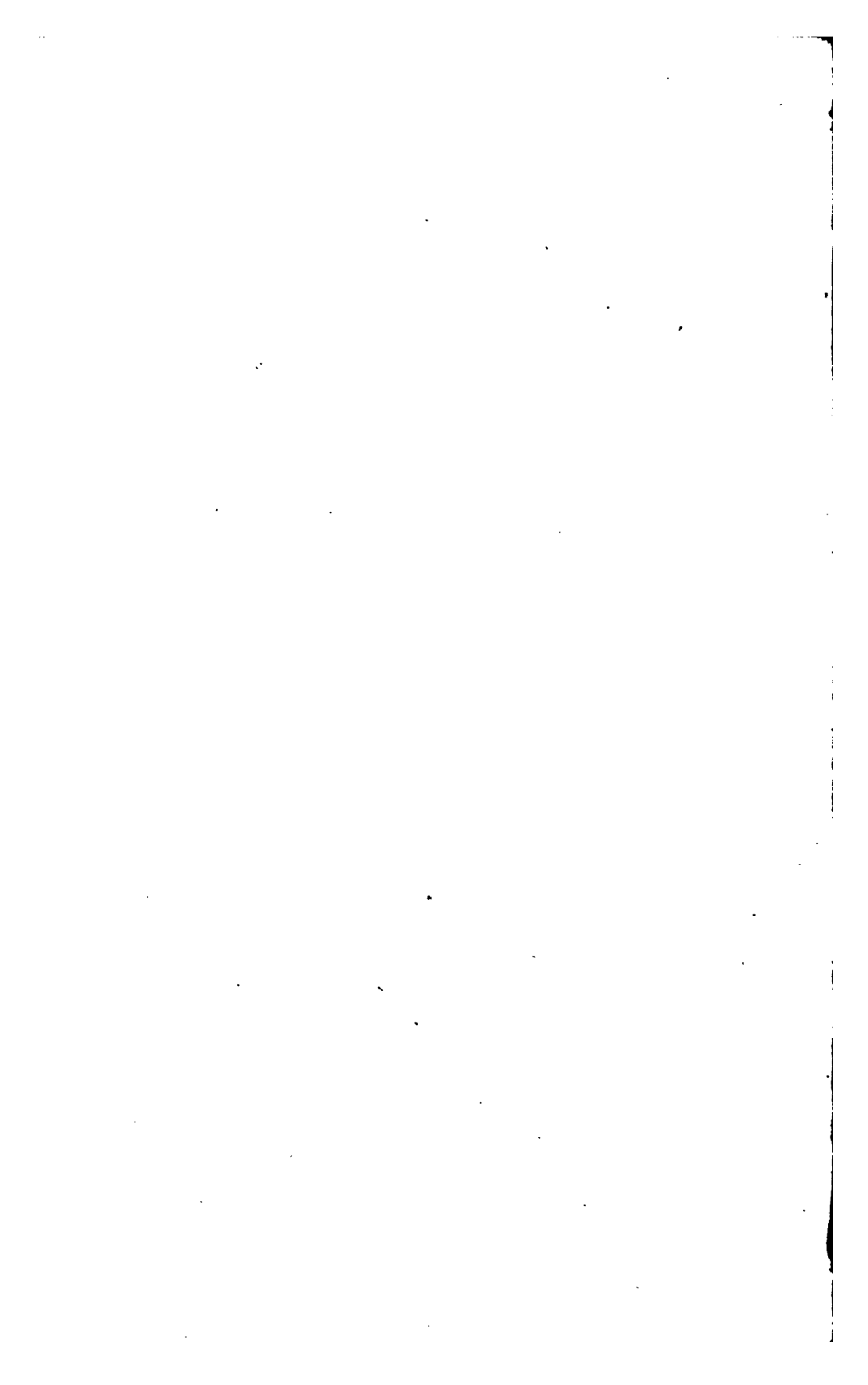


*Æsculus (Pavia) flava.*  
The yellow-flowered (Pavia) Horse-chestnut.



Full-grown tree at Syon; 40 ft. high; trunk, 1 ft. 4 in. diam.; diam of the head, 29 ft.

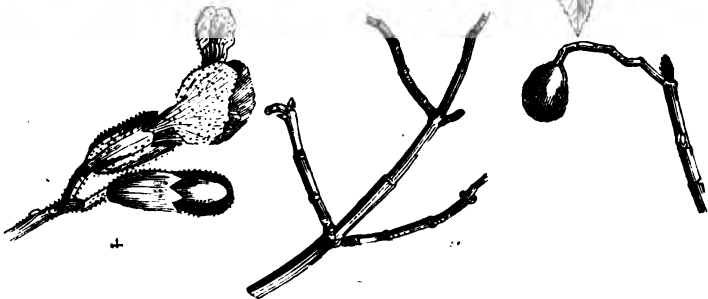


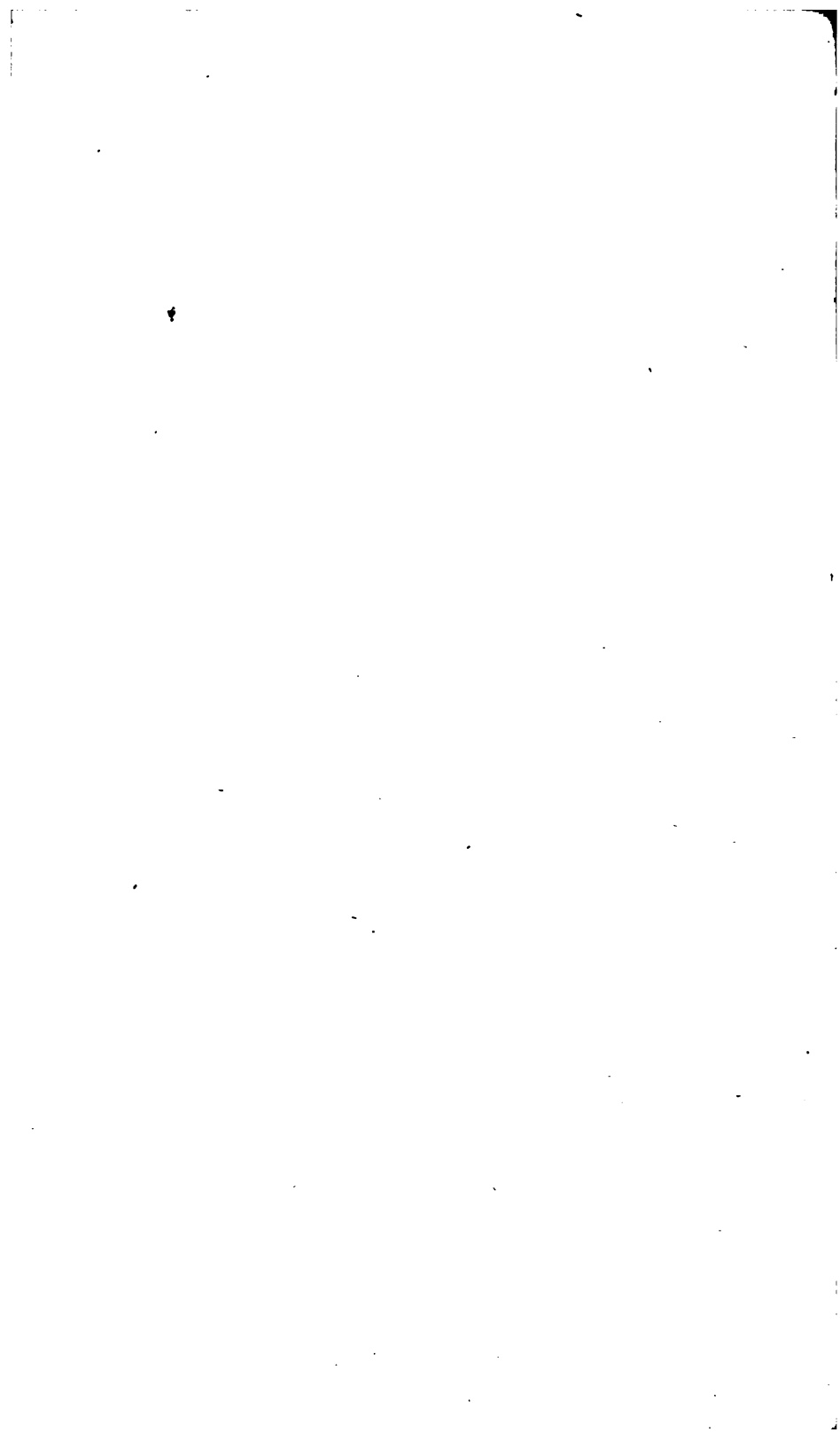


*Pavia macrocarpa.*  
The large-fruited Pavia.



13 ft. high, 3 in. diam.







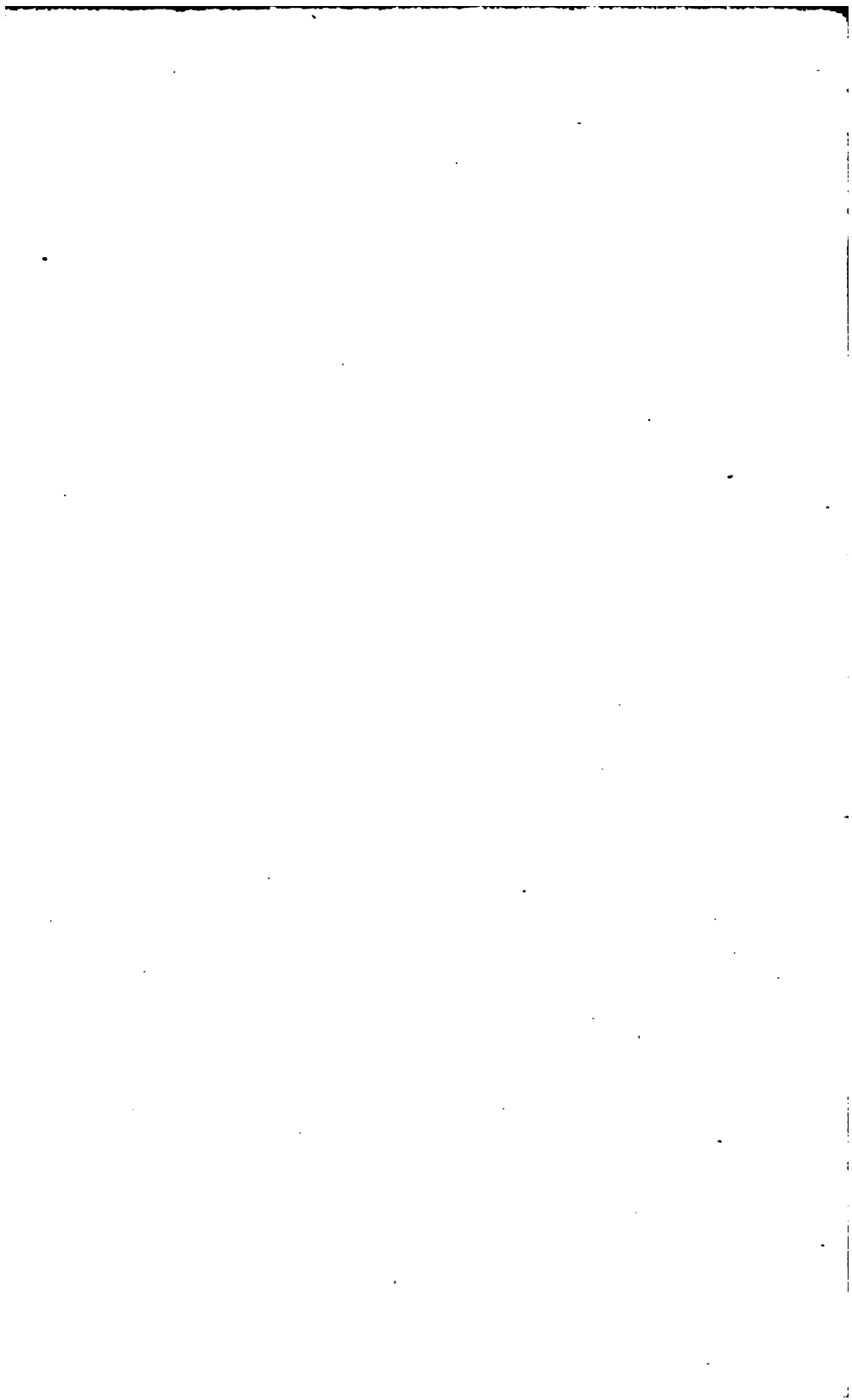
*Pavia rubra.*

The red-flowered Pavia, or smooth-fruited, Horse-chestnut tree.



10 ft. high. 2½ in. diam.





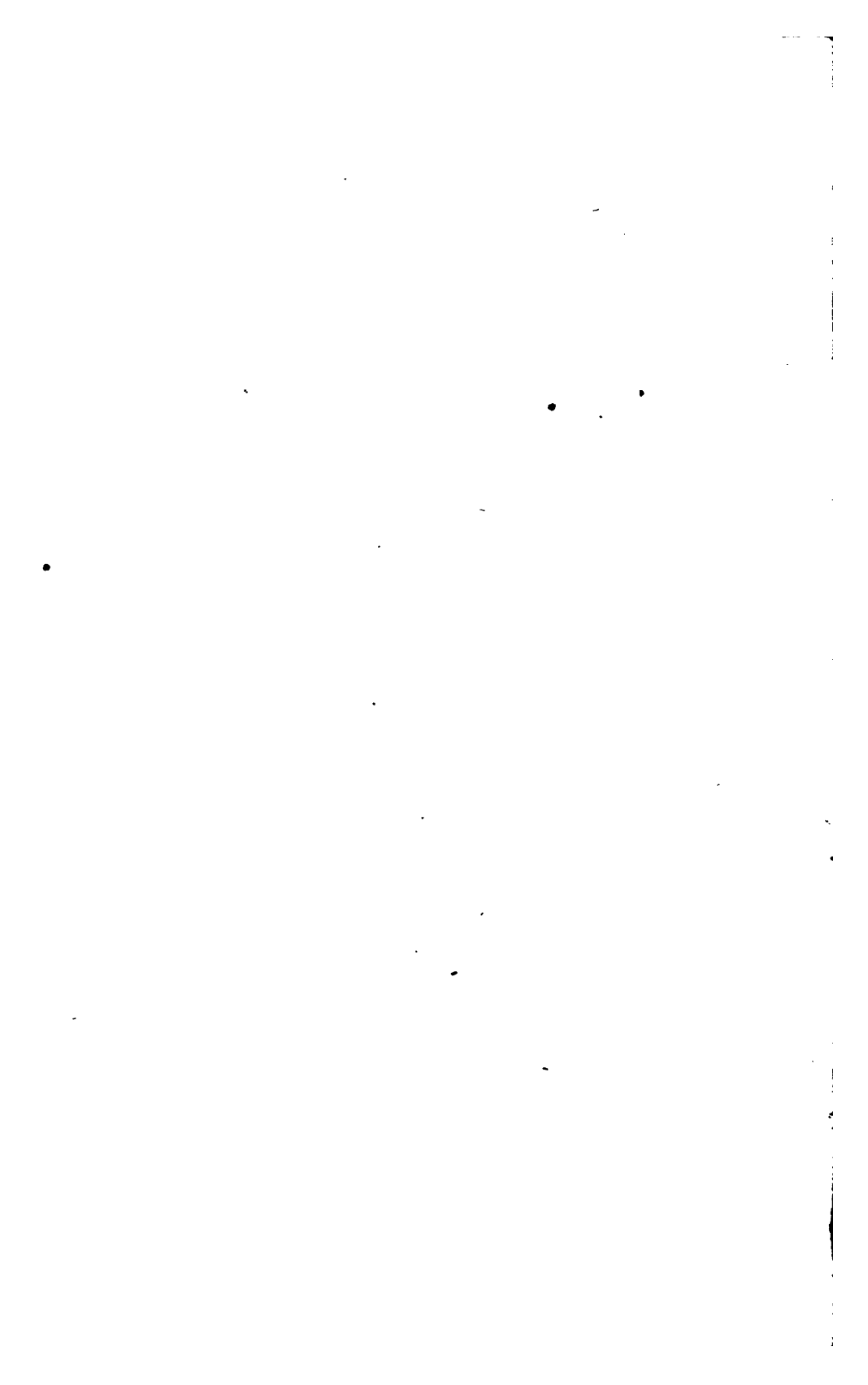
*Pavia rubra.*

The red-flowered Pavia, or smooth fruited, Horse-chestnut tree.



Full grown tree at Syon; 26 ft. high; several small trunks from the same root head, 27 ft. diam.  
[Scale 1 in. to 12 ft.]

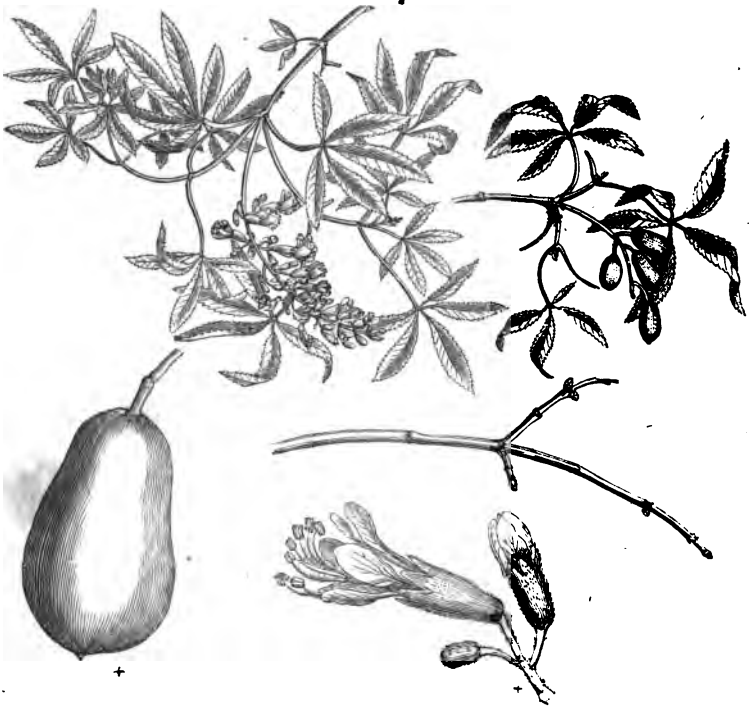




*Pavia húmilis péndula.*  
The pendulous-branched Pavia.



11 ft. high, 2¾ in. diam.





*Rhámnus álpinus.*  
The Alpine Rhamnus, or Buckthorn.



11 ft. high, 3 in. diam.



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XV.A.  
*Rhamnus catharticus.*  
The purging Buckthorn.



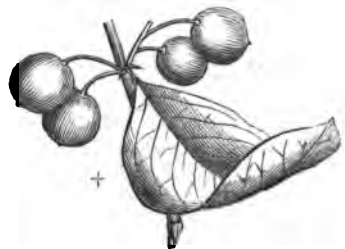
Printed from Zinc by Day & Haghe



*Rhámnus Frángula.*  
The Frangula, or brittle-wooded, Buckthorn.



10 ft. high, 1½ in. diam

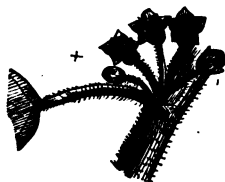


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*Rhámnus latifólius.*  
The broad-leaved Buck-thorn.



11 ft. high, 2½ in. diam.





*Robinia (hispida) macrophylla.*  
The long-leaved Robinia, or Rose Acacia.



8½ ft. high, 2½ in. diam.



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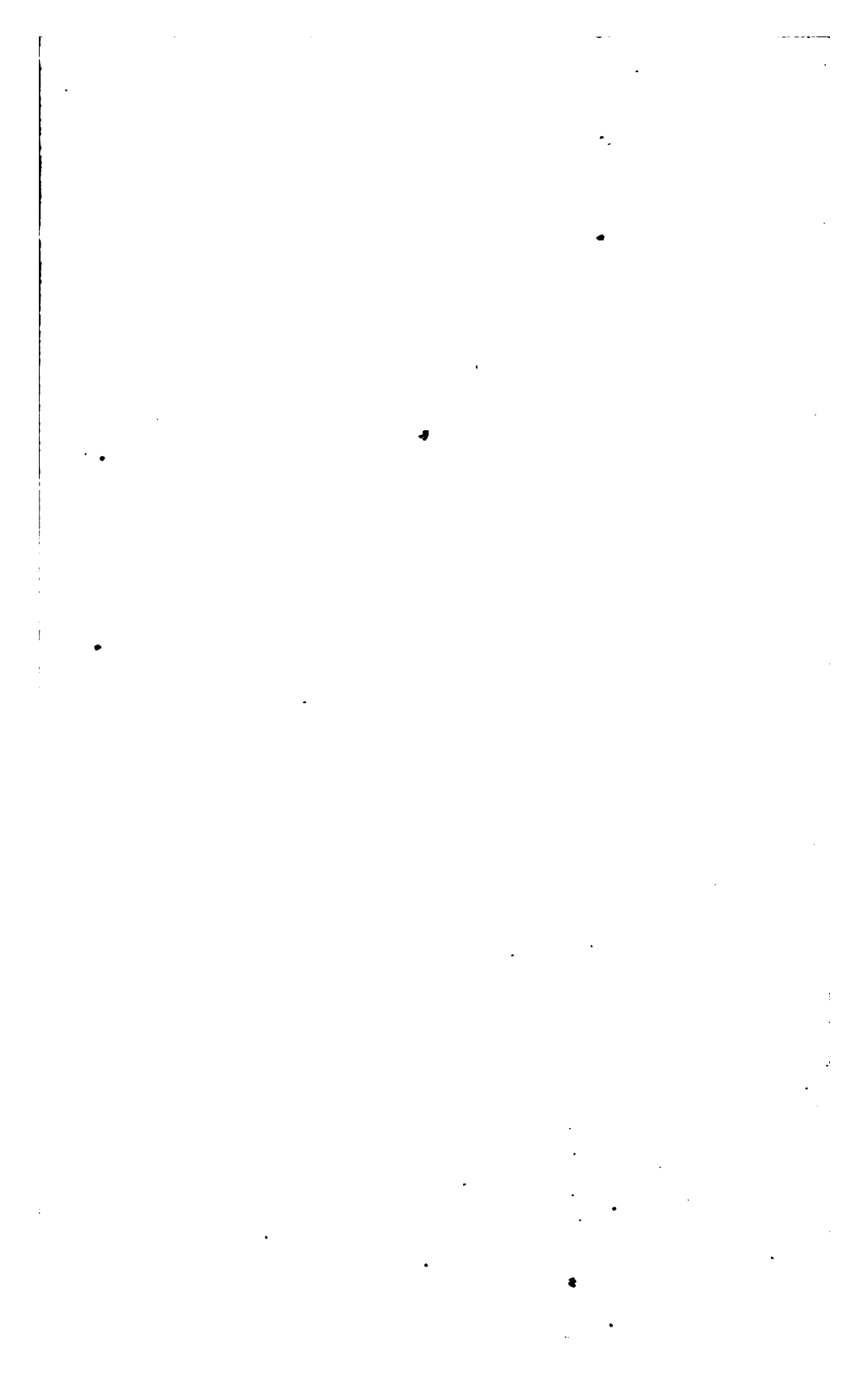


XX.A.  
*Robinia Pseud-Acacia.*  
The common Locust, or Bastard Acacia.

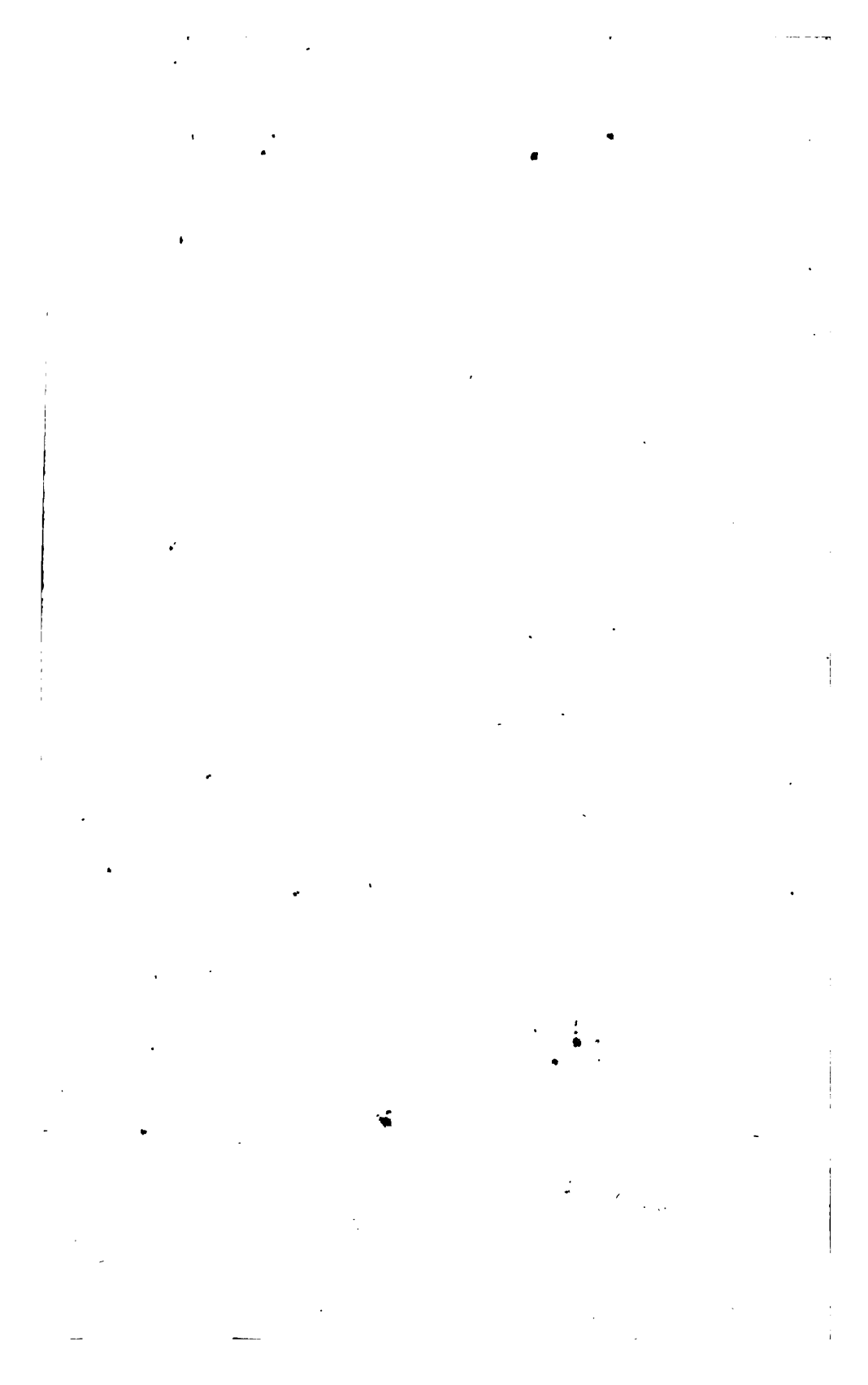












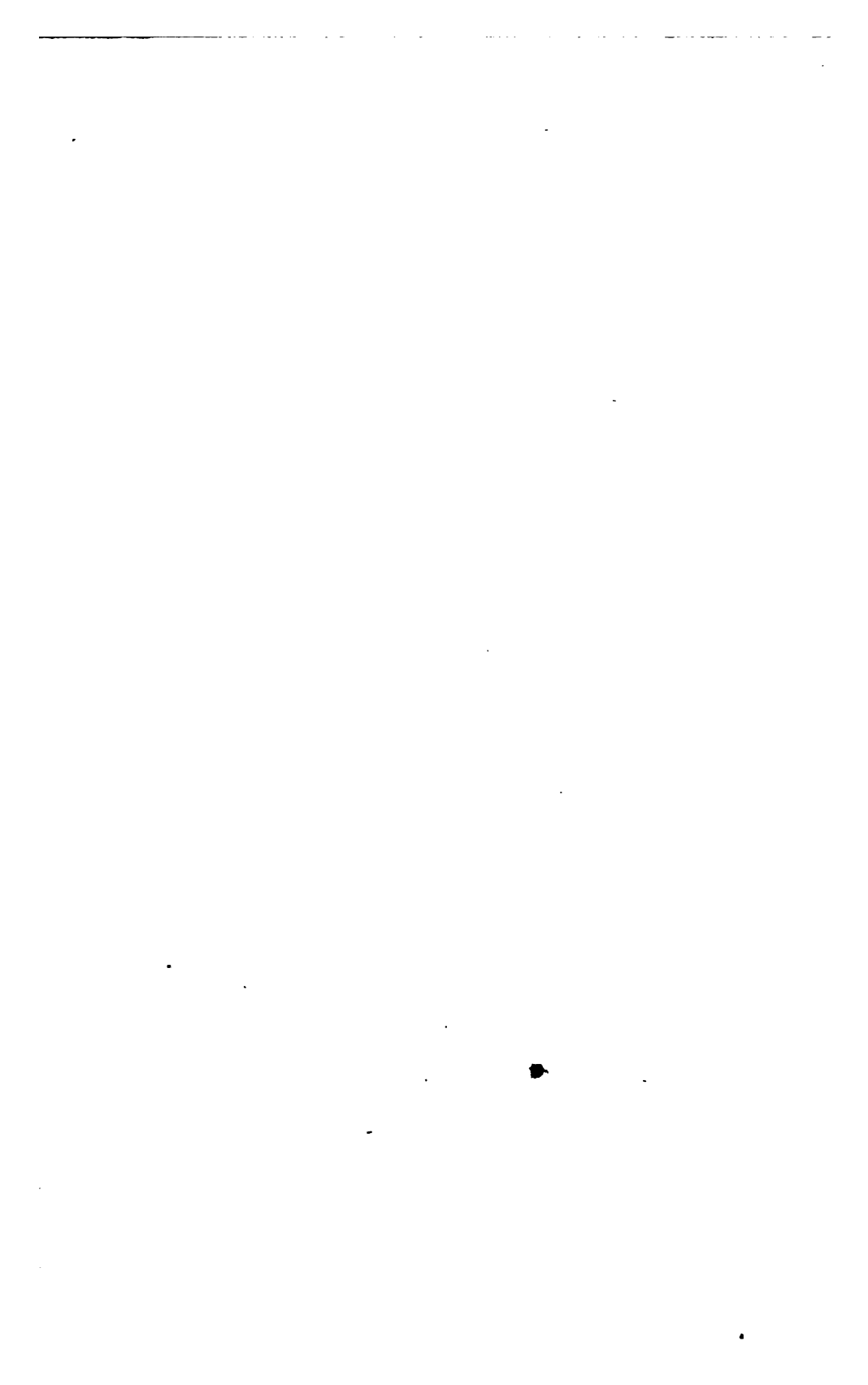
*Robinia Pscùd-Acàcia tortuòsa.*

The twisted-leaved Robinia or False Acacia.



12 ft. high, 3½ in. diam.

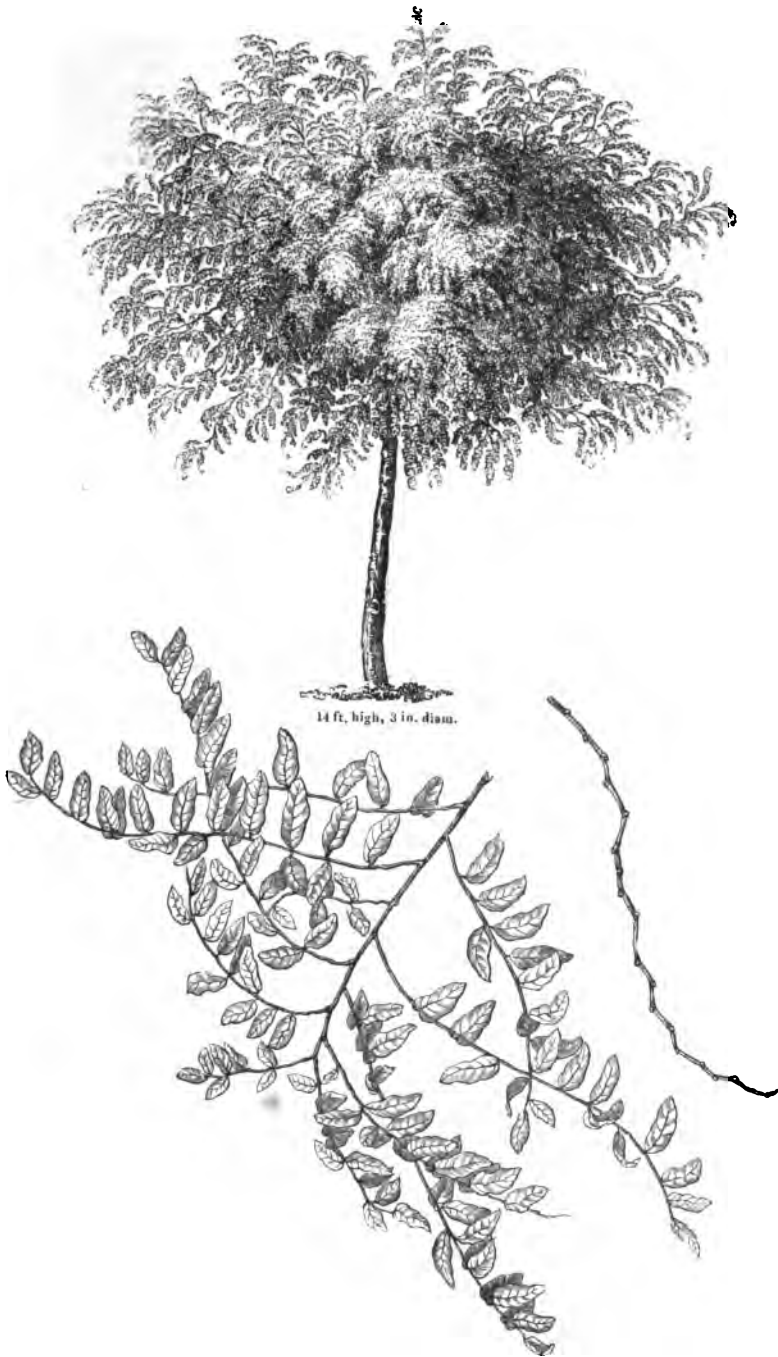


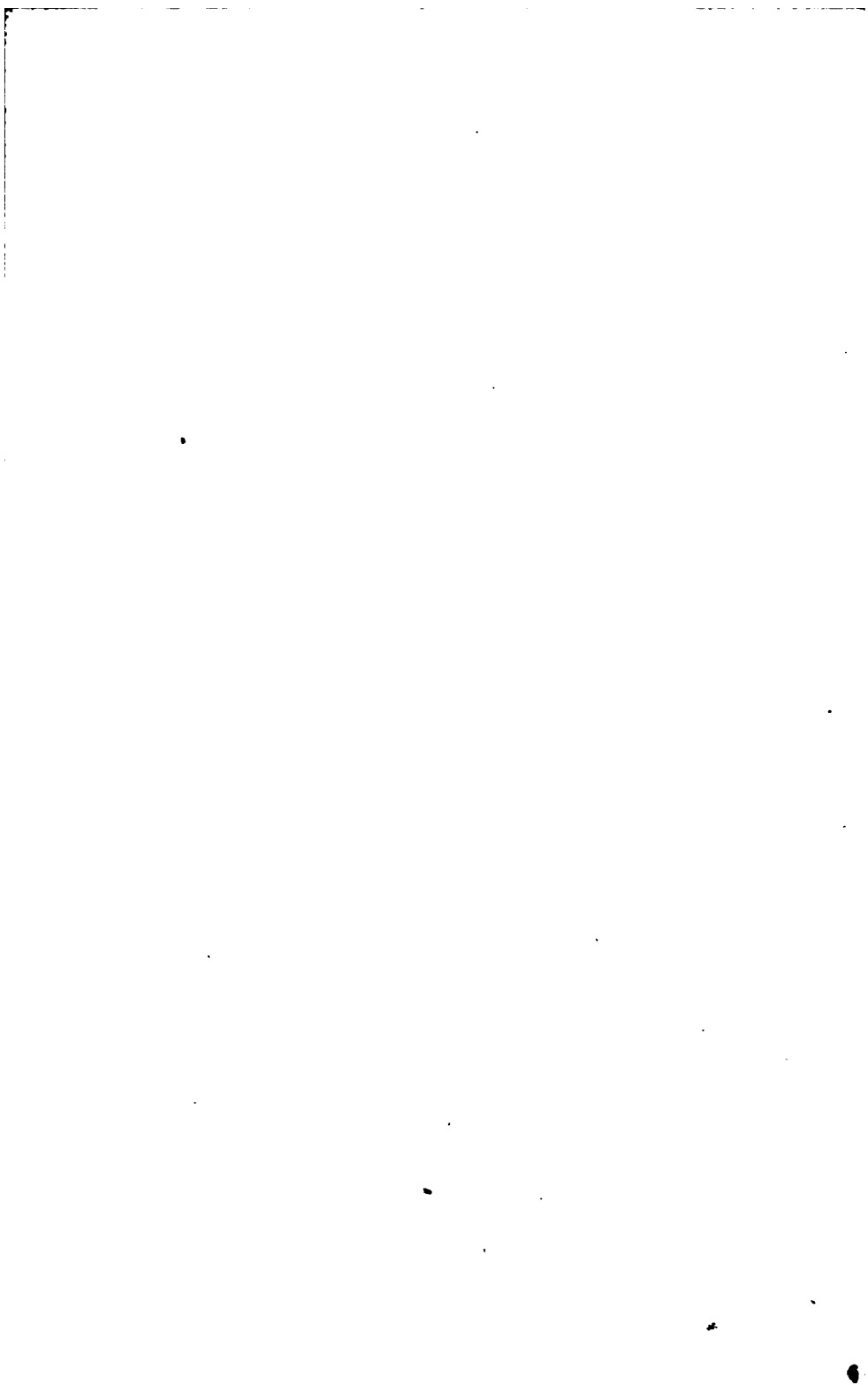




*Robinia Pseud-acacia umbraculifera.*

The Umbrella, or Parasol, False Acacia Robinia.



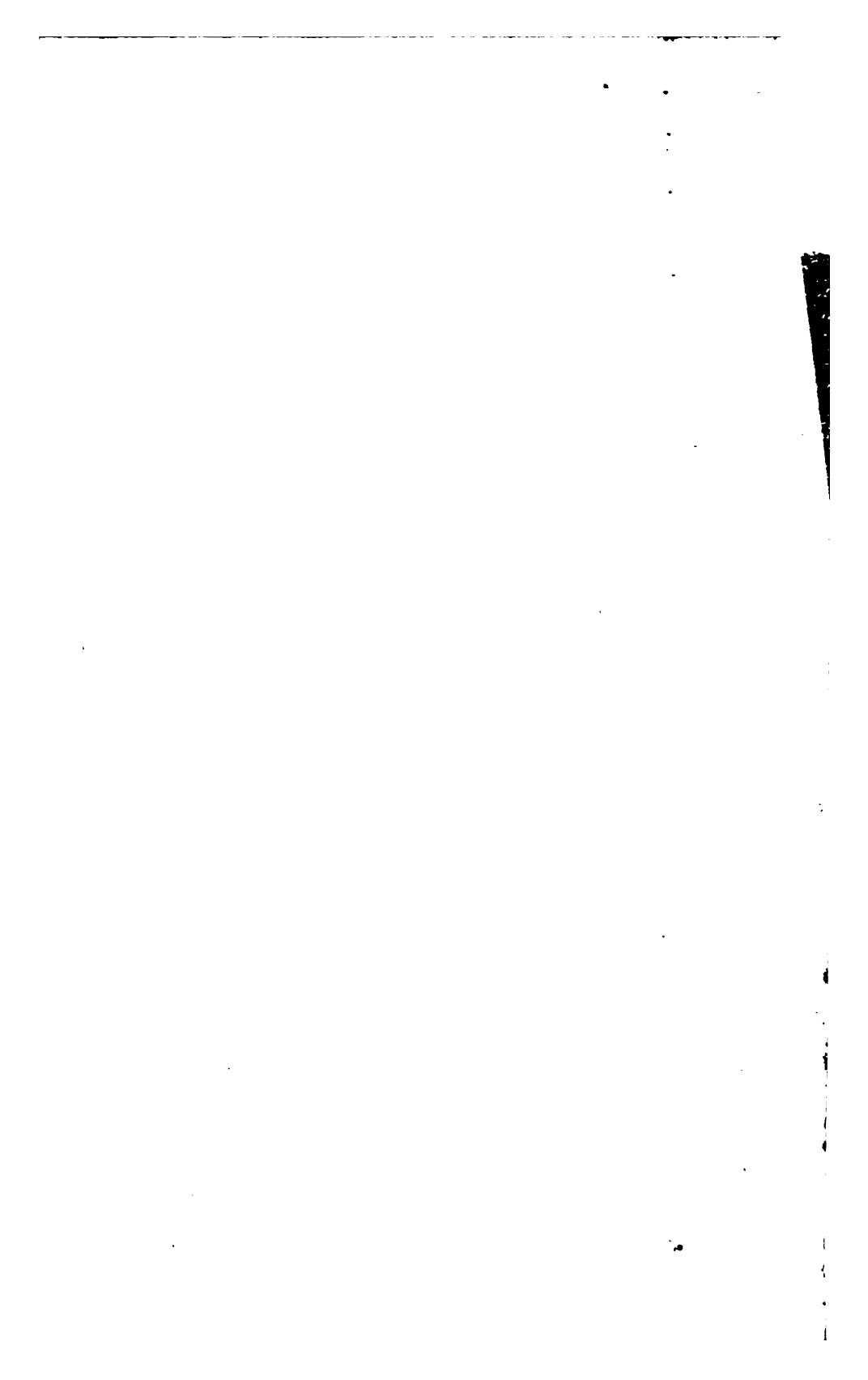


*Sophora japonica.*  
The Japanese Sophora.



20 ft. high, 9 in. diam.

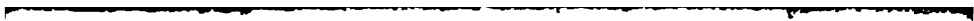












1

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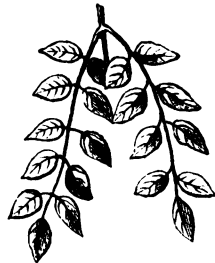
5

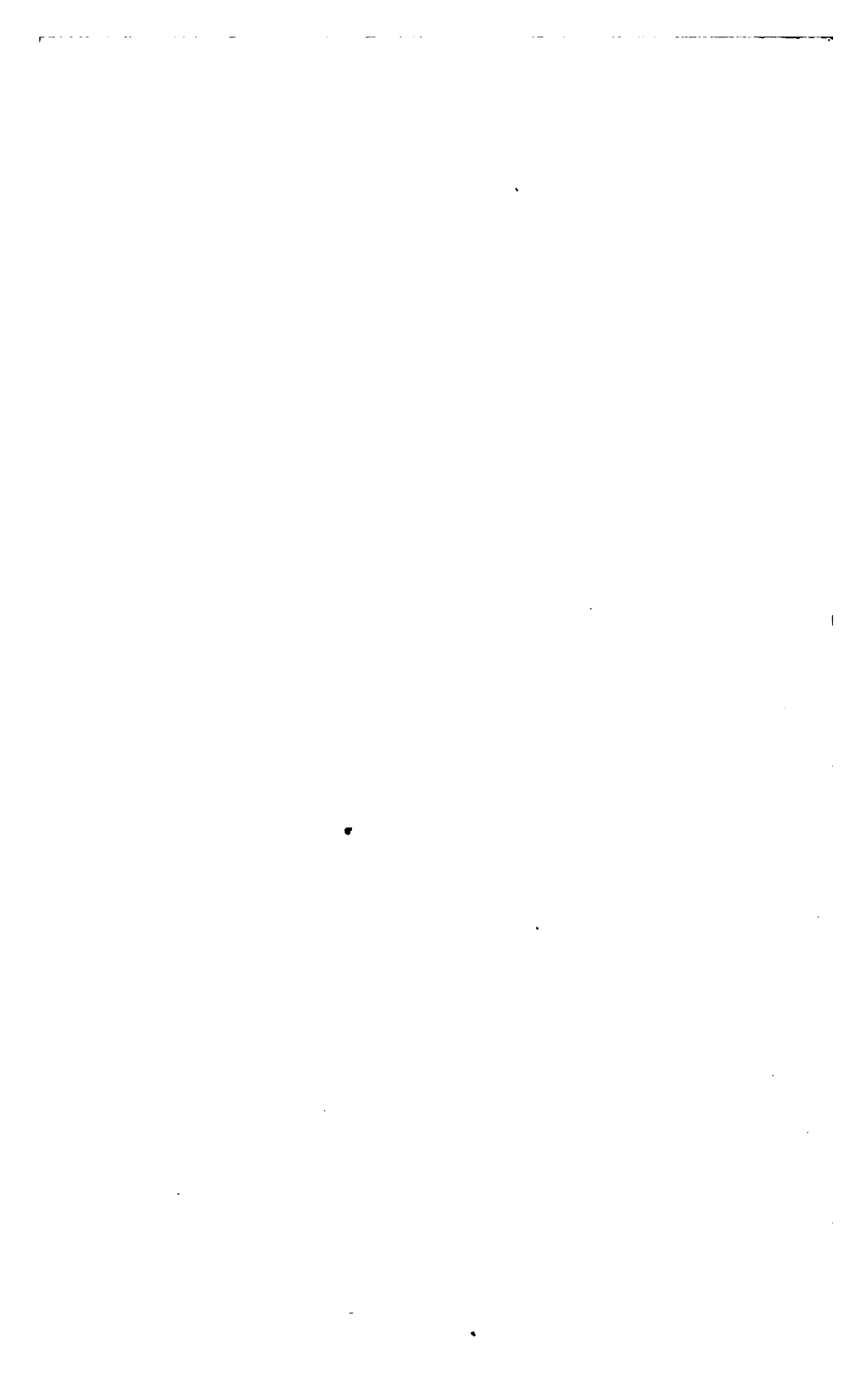


*Sophora japonica péndula.*  
The drooping-branched Japanese Sophora.



12 ft. high, 3 in. diam.





III. К.  
*Tilia alba.*  
The white-leaved Lime tree.





III D.  
*Tilia argentea.*  
The silvery-leaved Lime tree.

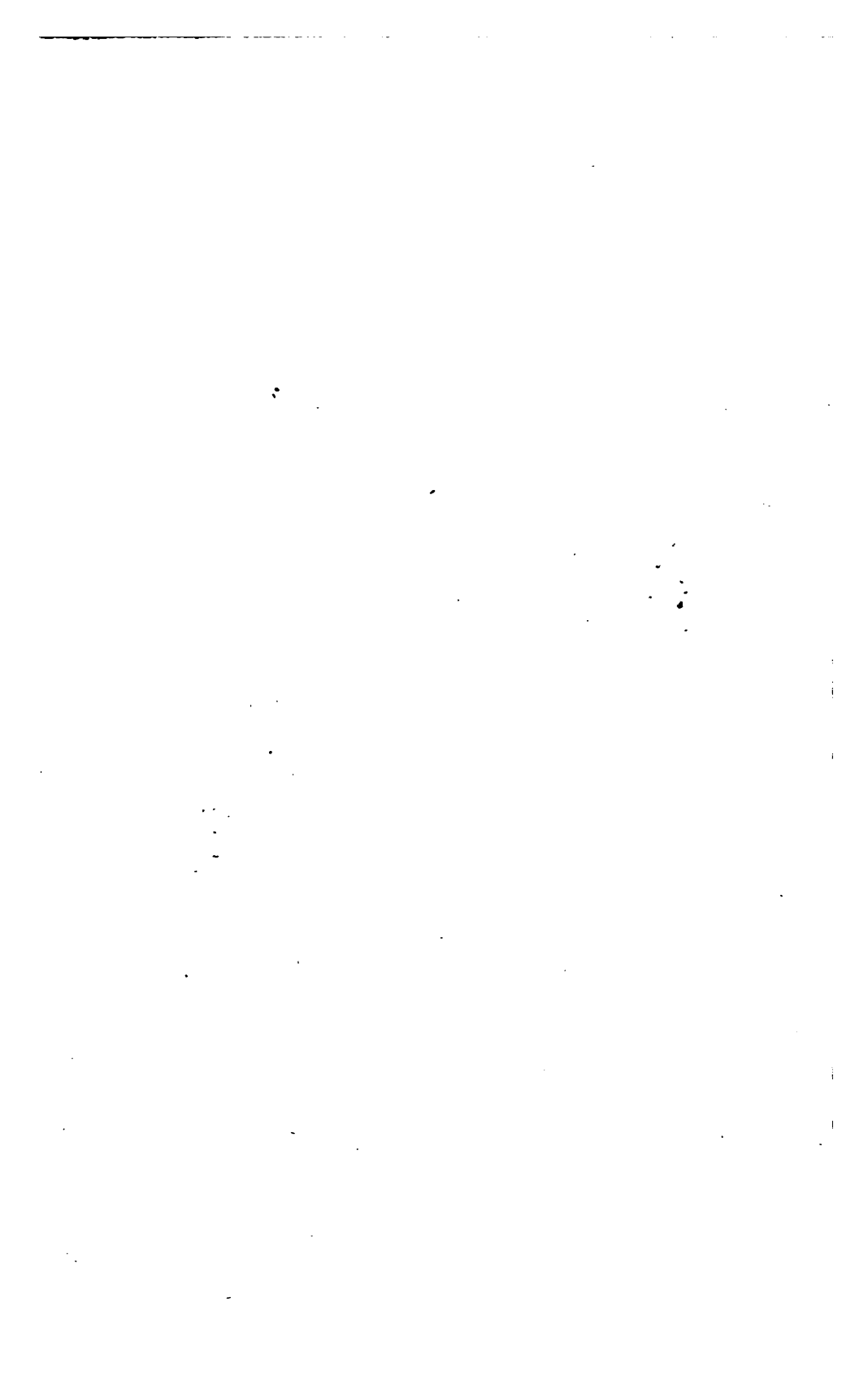




*Tilia parvifolia aurea.*

The small-leaved, golden-twigged Lime tree.



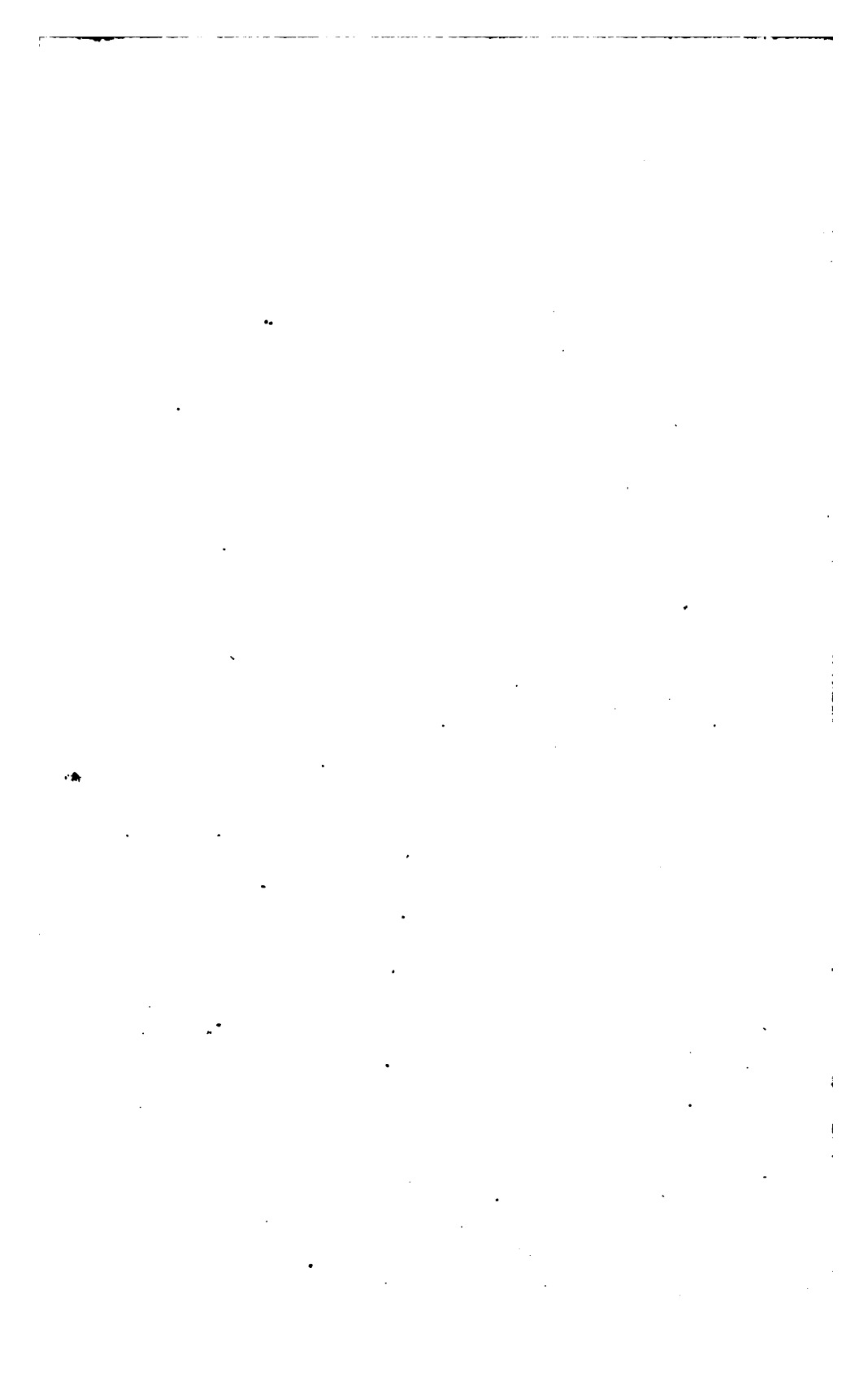




III.A.  
*Tilia europæa.*  
The European, or common, Lime Tree.

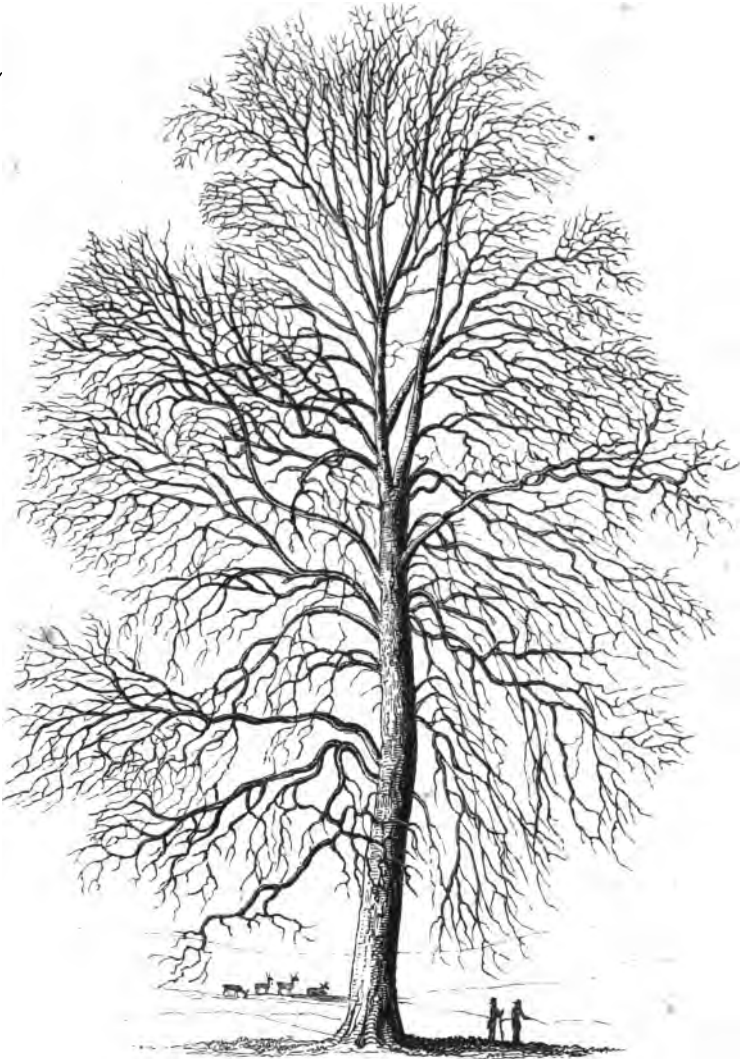


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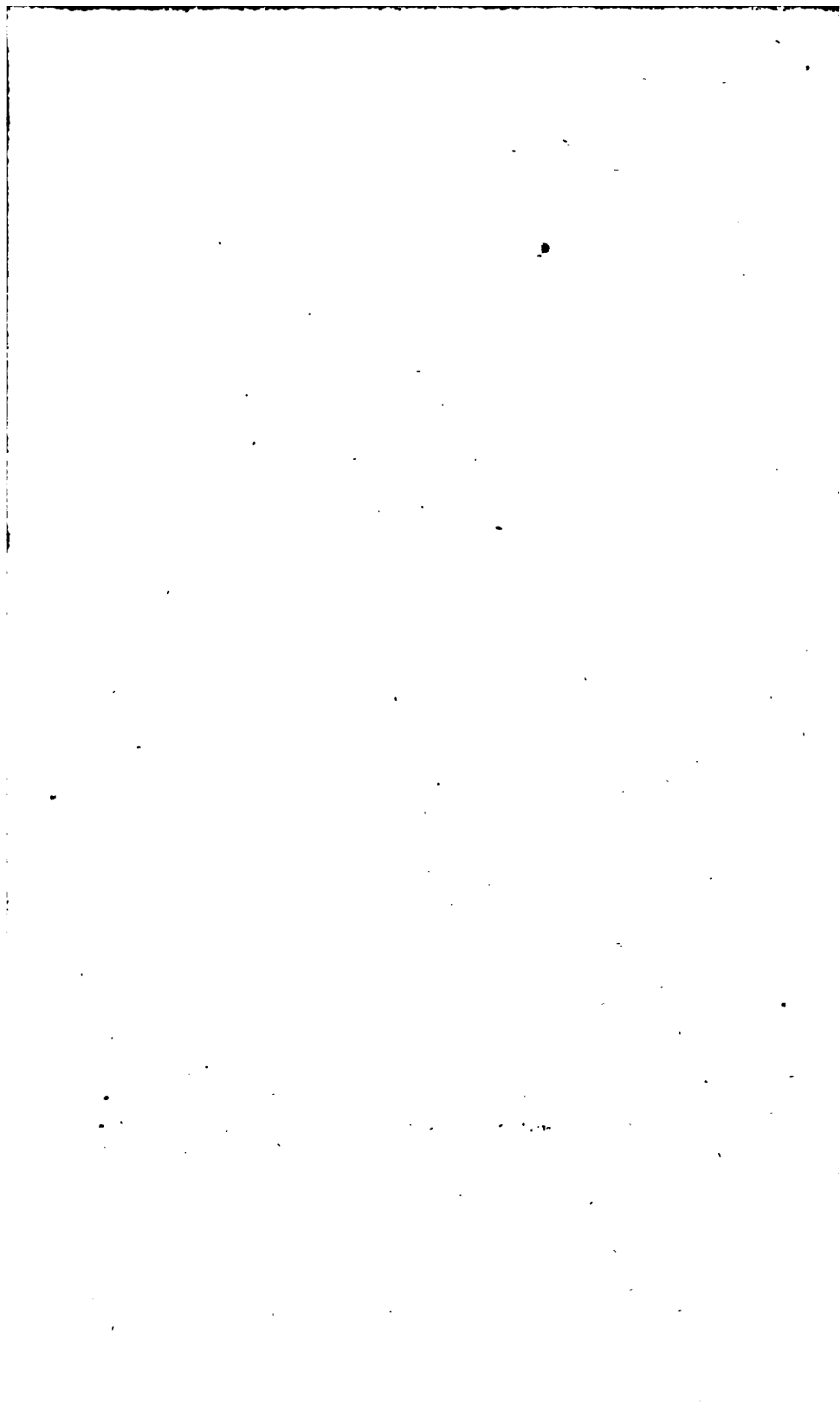
*Tilia europæa.*

The European, or common, Lime tree.



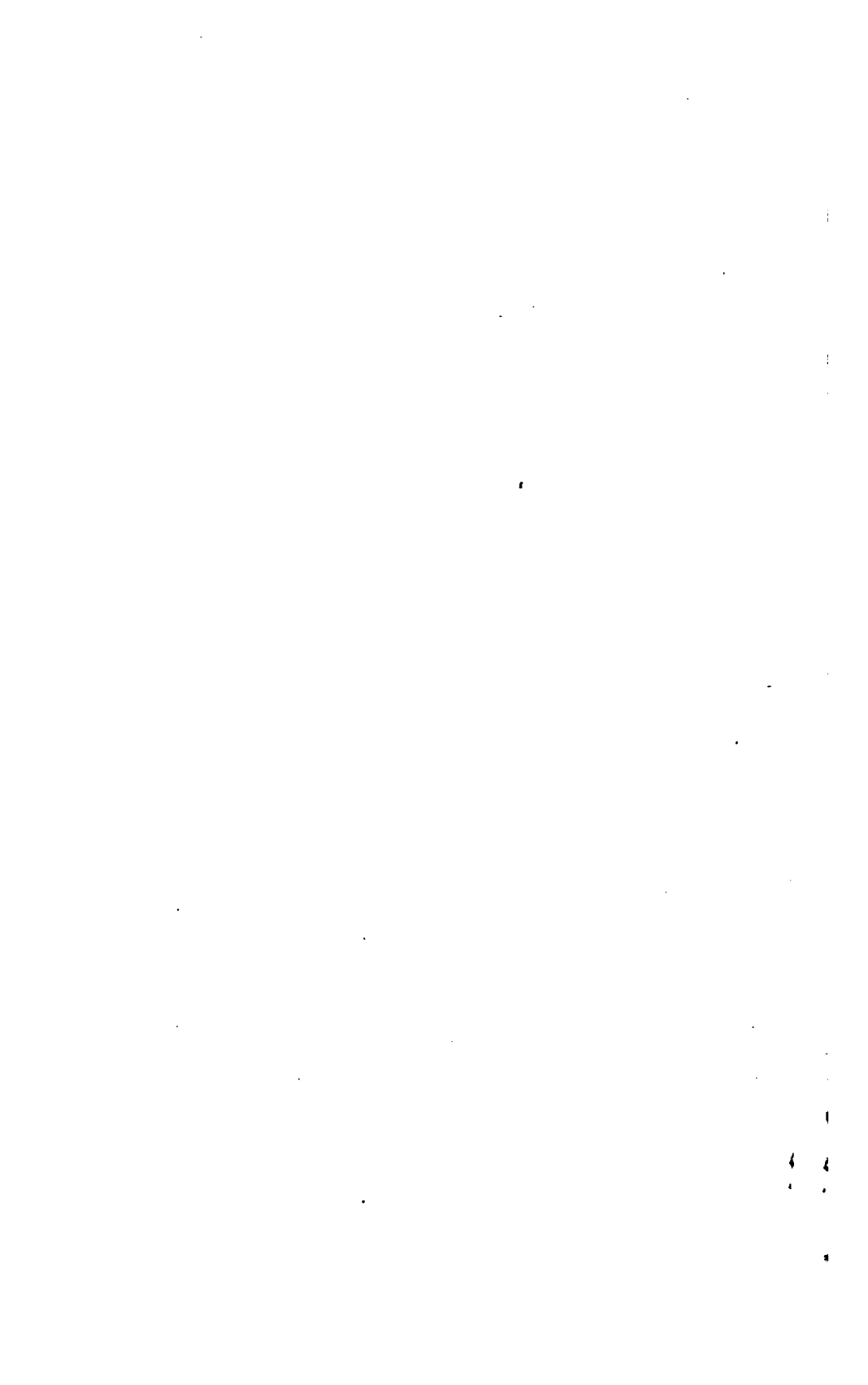
Full-grown tree at Studley Park, 126 ft. high; diam. of the trunk, 6 ft.; and of the head, 76 ft.  
[Scale 1 in. to 24 ft.]





III. H.  
*Tilia pubescens.*  
The downy-leaved Lime tree.





*Tilia laxiflora.*

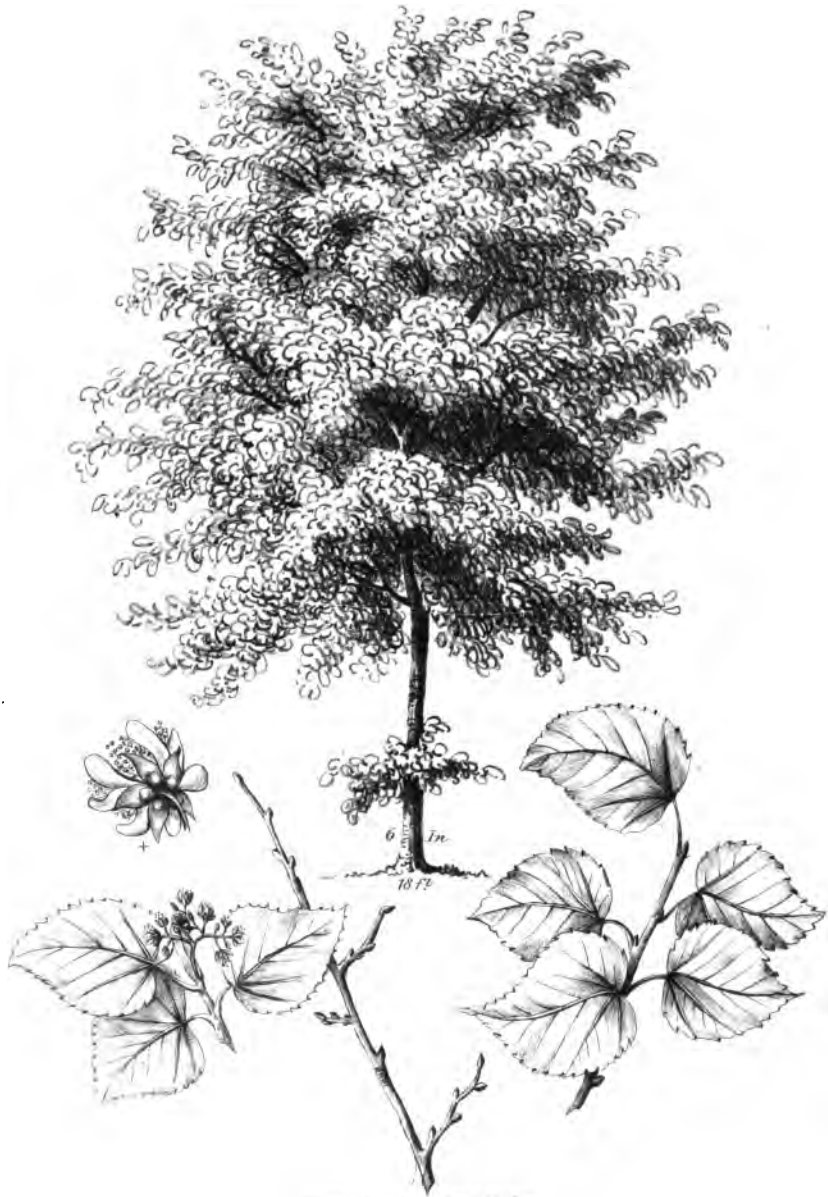
The loose-flowered Lime tree



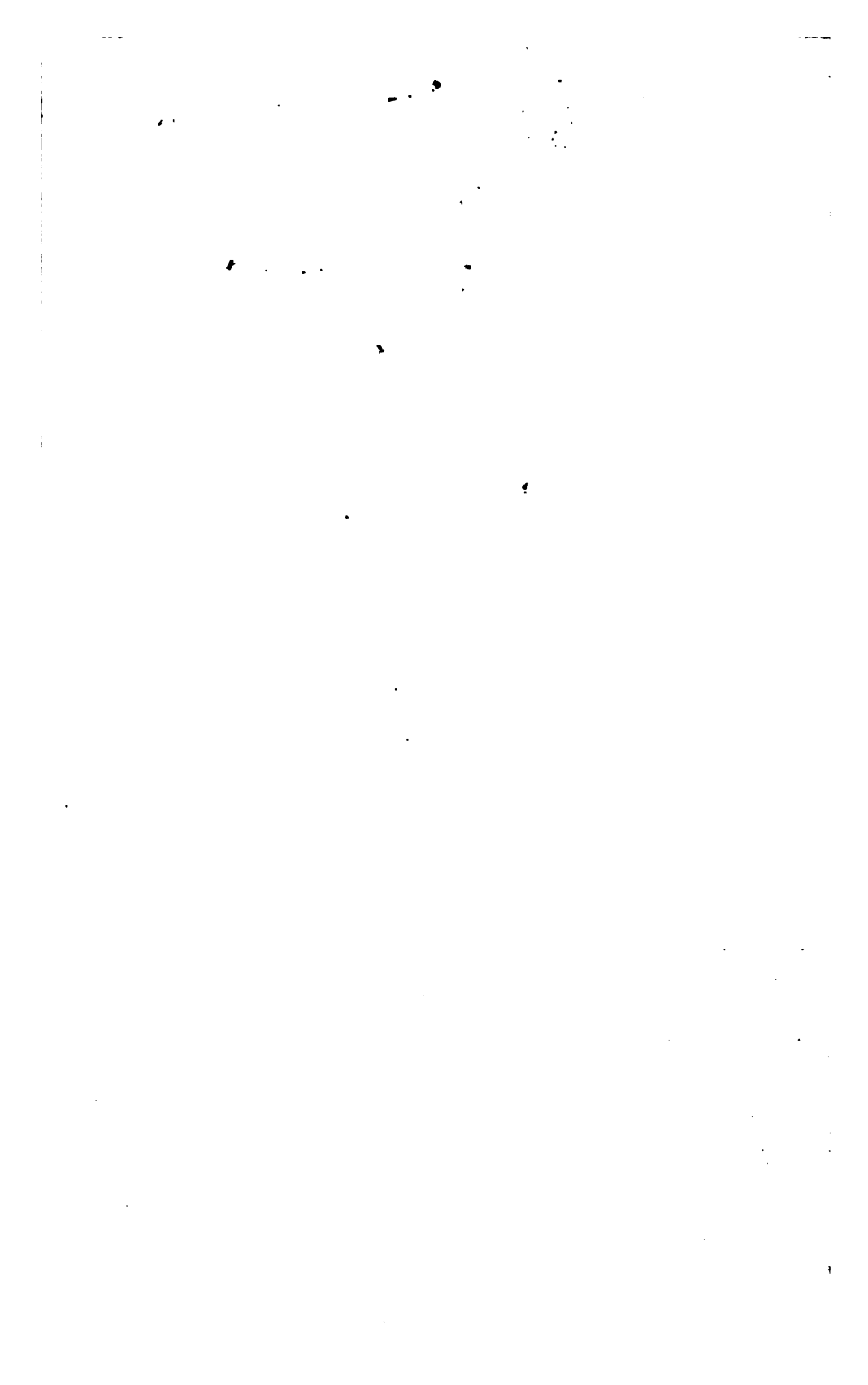




III. F.  
*Tilia platyphylla.*  
The broad-leaved Lime tree.

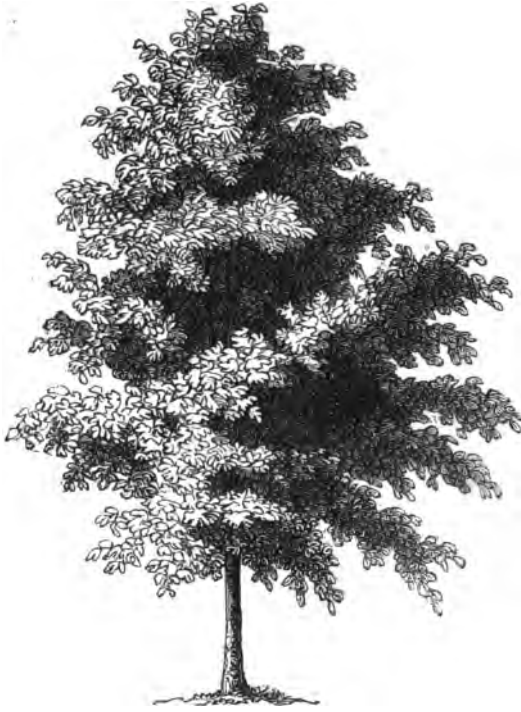


From the drawing of Poy Kilgus.



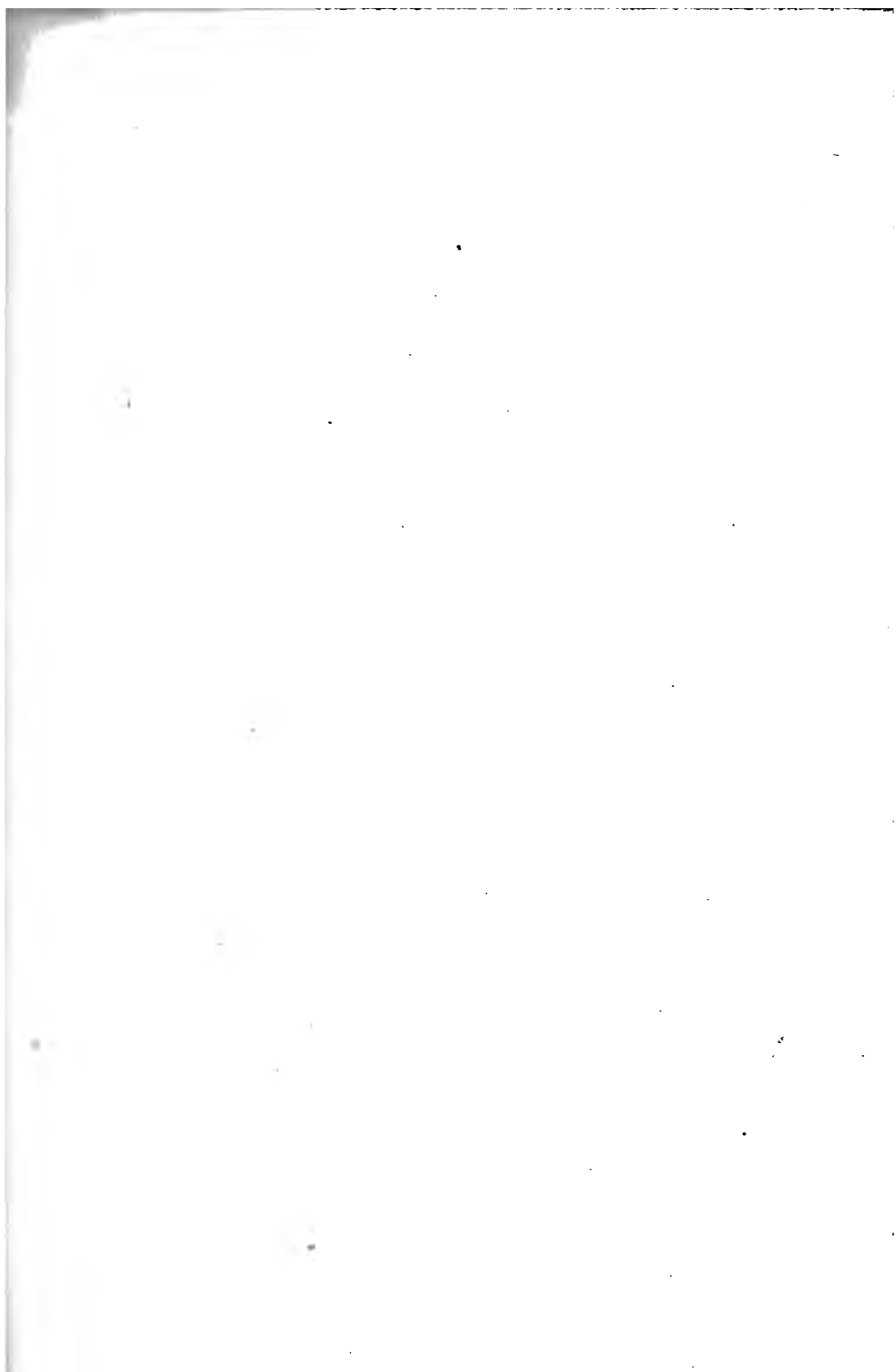
*Tilia europæa platyphýlla minor.*

The smaller broad-leaved European Lime tree.



16 ft. high, 4 in. diam.

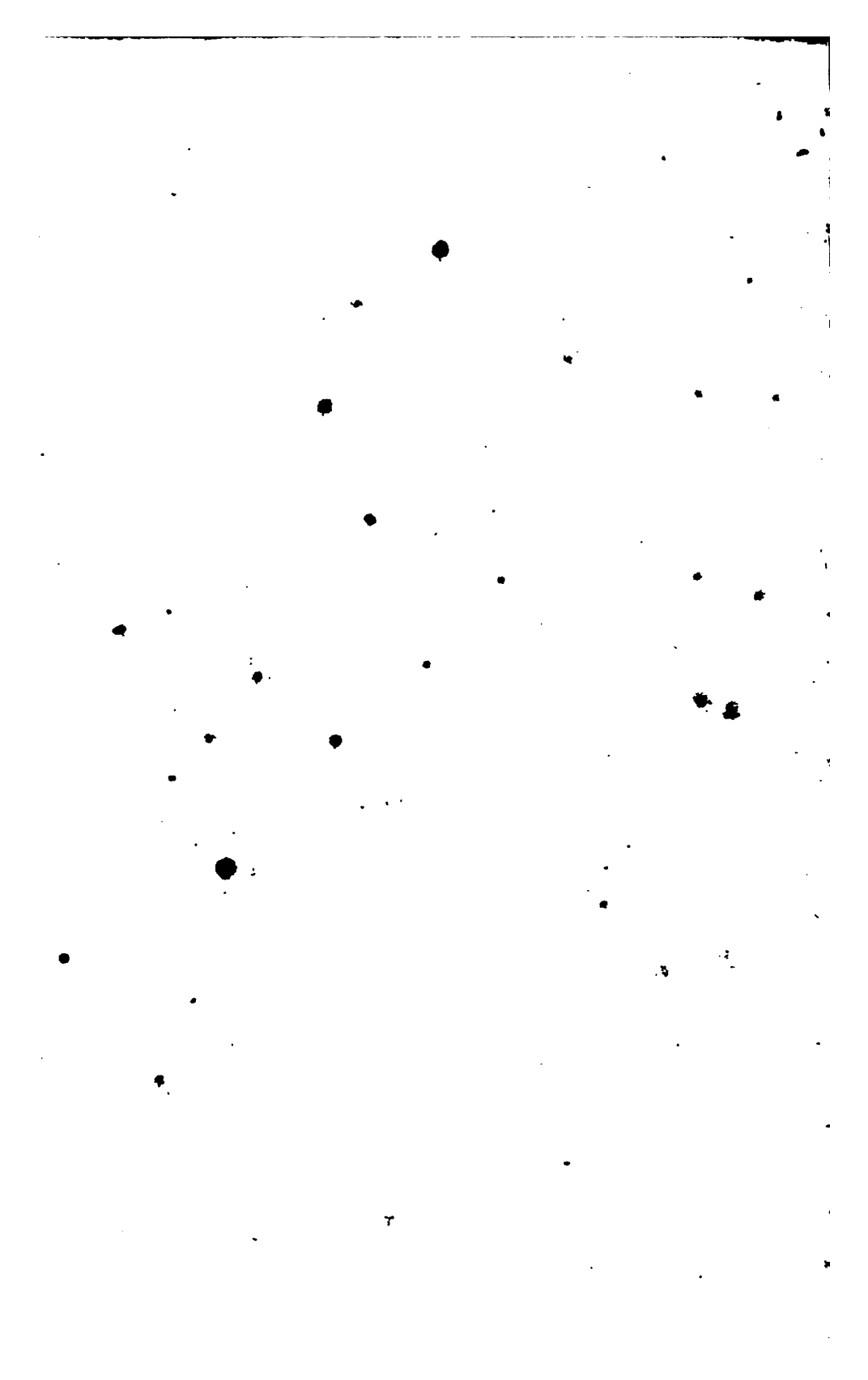




*Virgilia lutea.*  
The yellow-flowered Virgilia.



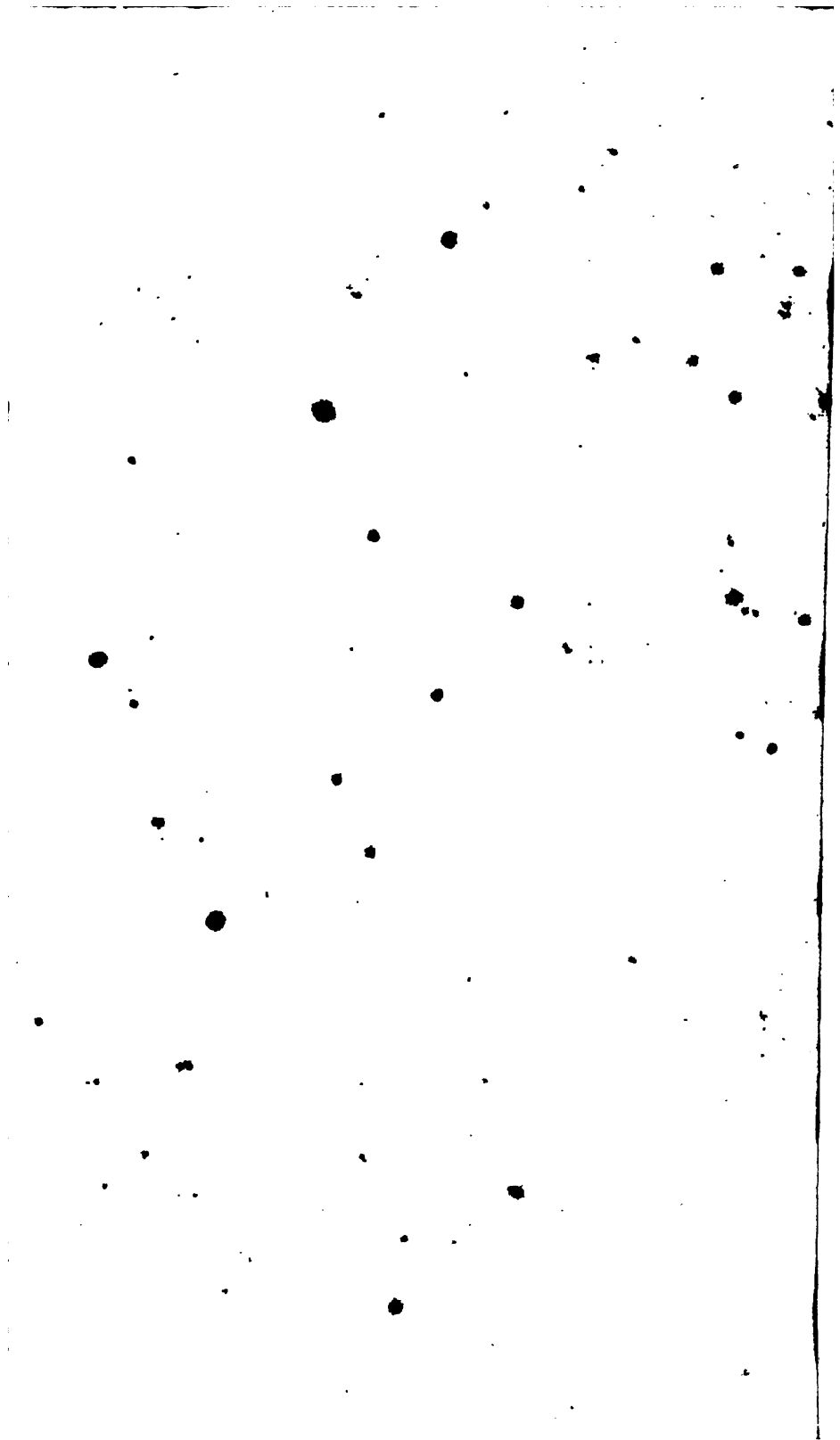
Printed from the original by T. & A. S. 1865



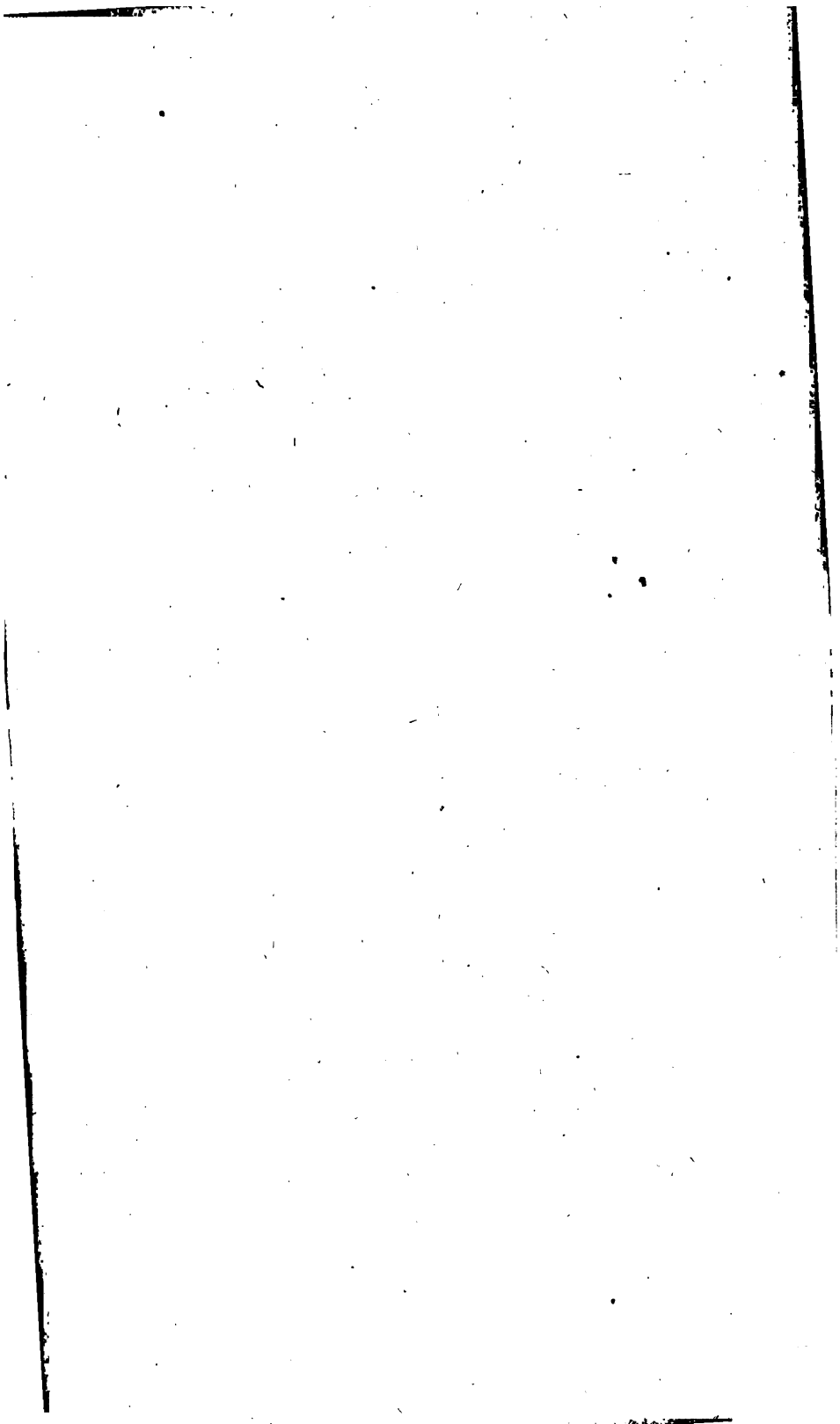
IX. A.

*Xanthoxylon fraxineum.*  
The Ash-leaved Tooth-ache Tree.













3 2044 103 113 97

